SUBMIT: COMPLETED APPLICATION, TAX STATEMENT AND FEE TO: Bayfield County Planning and Zoning Depart. PO Box 58 Washburn, WI 54891 (715) 373-6138

APPLICATION FOR PERMIT BAYFIELD COUNTY, WISCONSIN

Date Stamp (Received)

SEP 27 7021

Bayne III Planning and Lummy Agency

TYPE OF PERMIT REQUESTED + X LAND USE SANITARY PRIVY CONDITIONAL USE SPECIAL USE B.O.A. OTHER

Original Application MUST be submitted

Permit #:	21-0364
Date:	11-1-21
Amount Paid:	175 11-3-2
Other:	
Refund:	

FILL OUT IN INK (NO PENCIL)

INSTRUCTIONS: No permits will be issued until all fees are paid. Checks are made payable to: Bayfield County Zoning Department.

DO NOT START CONSTRUCTION <u>UNTIL ALL PERMITS HAVE BEEN ISSUED</u> TO APPLICANT.

Sarah Ols	0N					3 Ric	gby Dr				ate/Zip: 1 Pr@iri	P.MN	55 347	612 - 8	one: 360-8234
Address of Proper	ty:					y/State/Z		١٨/١	Chai		1100111	07.	•	Cell Ph	one:
5790 HWN	1	ما ما م	@ care	200000			ving,	441	5481	60 C	"				
Contractor:	5	wran	w zwi	aheolso	-	ctor Phon	ne:	Plu	mber:					Plumbe	er Phone:
	aroup					- 341-	10.00	- 14	iliber.					Fidilibe	si Filone.
Authorized Agent: Owner(s))			tion on behalf	fof	Agent F	Phone:	. 30				(include City			-	n Authorization
	n DOU	VIII/8				- 225 - x ID#	1300	191	main s	t. 50	uperior,		Document: (101-00-00-00	red (for Agent)
PROJECT LOCATION	egal Descr	ription:	(Use Tax Stat	tement)	302		390						020	R-58	35806
		Gov'	t Lot	Lot(s)	CSM	Vol & Pa		Doc#	Lot(s) #	Block #	Subdivisi	on:		
1/4,	1/4		1	2	929 1	V6 P13	,9								
Section 35	, Townsh	nip _50) N, Ran	ge 09	w	Tov	un of: Orient	Ω				Lot Size			eage . 89
	[C1 . 5		1			-							Is your Pr		.0-1
	Creek o	r Landwa	ard side of F	00 feet of F Floodplain?	If v	vescon	ntinue -	'	istance St	ructure	is from Sho	reline : feet	in Flood	plain	Are Wetlands Present?
☆Shoreland .	Is Pro	perty/La	nd within 1	.000 feet of	Lake, Po	nd or Flo	wage		istance St	ructure	is from Sho	reline :	Zone X Ye		×Yes
	1				Ify	yescon	ntinue -	-			0	feet			□ No
☐ Non- Shoreland															
2															
Value at Time of Completion									Total # o	4		What Ty			Type of
* include		Project	t	Proj # of St		SA CHEST AND SALES	roject Indation		bedroom on	IS			ry System(s operty <u>or</u>	i)	Water
donated time & material							acion	1 75	property	,			e property?	•	property
	√ New	Constru	ıction	☐ 1-Sto	ry	□ Ва	sement		□ 1		Municipal	/City			☐ City
F	□ Addi	tion/Alt	eration	☐ 1-Sto		□ Fo	undation		□ 2		(New) Sar	i tary Spe	ecify Type:		□ Well
\$ 150,000	□ Conv	ersion		Loft		□ Sla	ah	_	□ 3		Sanitary (E xists) Sp	ecify Type:		_ X
		cate (exis	cting bldg)	N N/P			J Pr			1-	Privov (Pit)	or 🗆 V	aulted (min	200 gall	_ none
		a Busine	,	N 11/1		175	Use		⊠ None		Portable (200 6411	5117
	Prop	erty				X Ye	ar Round				Compost ⁻	Toilet		2	
	•									X	None				
Existing Struct	ure: (if add	lition, alte	eration or bu	ısiness is bei	ng applied		Length:			Wid	lth:		Heig		
Existing Struct Proposed Cons					ng applied		Length: Length:	560	150	Wid	lth:	1 30		_	1
	struction:				ng applied	d for)		300	1 150	Wid	lth:			ght: 9	Square
Proposed Cons	struction:	(overa	ll dimensior			d for)	Length: posed Stru	ıcture	150	Wid	lth:		Heig	ght: 9	
Proposed Cons	struction:	(overa	ll dimension Principal	ns)	(first st	d for) Prop	Length: posed Stru on prope	ıcture	1 150	Wid	lth:		Heig Dimensions	ght: 9	Square
Proposed Cons	struction: Use	(overa	ll dimension Principal	Structure ce (i.e. cabi with Lc	(first st in, hunti	d for) Prop	Length: posed Stru on prope	ıcture	1 150	Wid	lth:		Dimensions X X X	ght: 9	Square
Proposed Cons	struction: Use	(overa	ll dimension Principal	Structure ce (i.e. cabi with Lo with a	(first st in, hunti oft Porch	Prop Prop tructure	Length: posed Stru on prope	ıcture	150	Wid	lth:		Dimensions X X X X	ght: 9	Square
Proposed Cons	struction: Use	(overa	ll dimension Principal	Structure ce (i.e. cabi with Lo with a	(first st in, hunti oft Porch	Prop Prop tructure	Length: posed Stru on prope	ıcture	1 150	Wid	lth:		Dimensions X X X	ght: 9	Square
Proposed Cons	Use Use	(overa	ll dimension Principal	Structure ce (i.e. cabi with Lc with a with (2 with a	(first st in, hunti oft Porch	Prop tructure ing shac	Length: posed Stru on prope	ıcture	150	Wid	lth:		Dimensions X X X X X	ght: 9	Square
Proposed Cons	Use Use	(overa	ll dimension Principal	Structure Le (i.e. cabi With Lo With a With (2 With a With (2)	(first st in, hunti oft Porch od) Porc Deck	Prop tructure ing shac	Length: posed Stru on prope k, etc.)	ıcture	1 150	Wid	lth:		Dimensions X X X X X X	ght: 9	Square
Proposed Cons	Use Use	(overa	Principal Residence	Structure ce (i.e. cabi with Lc with a with (2 with a with (2 with A	(first st in, hunti oft Porch nd) Porc Deck nd) Deck ttached anitary,	Propertructure ing shace	Length: posed Stru on prope k, etc.)	rty)	□ .cooking	Wid Wid	th: th: _Q		Dimensions X X X X X X X X X X	ght: 9	Square
Proposed Cons	Use Use	(overa	Principal Residence Bunkhou Mobile H	Structure ise (i.e. cabi with Lo with a with (2 with a with (2 with An see w/ (□ s shome (man	(first st in, hunti oft Porch ond) Porce Deck ond) Deck ttached anitary,	Prop tructure ing shace	Length: posed Stru on prope k, etc.)	rty)	□ cooking	Wid Wid	prep facilitie	((((((es) (Dimensions X X X X X X X X X X X X	ght: 9	Square
Proposed Cons	Use al Use	(overa	Principal Residence Bunkhou Mobile H	Structure Le (i.e. cabi With a With a With (2 With Af Asse w/ (Some (man Alteratio	(first st in, hunti oft Porch and) Porc Deck and) Deck ttached anitary, y ufacture n (explai	Propertructure ing shace Ch K Garage or sleed date)	ceping quar	rty)	□ .cooking	Wid Wid	th: th: _Q	((((((es) (Dimensions X X X X X X X X X X X X X	ght: 9	Square
Proposed Cons Proposed Residenti	Use al Use	(overa	Principal Residence Bunkhou Mobile H Addition Accessor	Structure ce (i.e. cabi with Lo with a with (2 with a with Ai see w/ (see	(first st in, hunti oft Porch nd) Porc Deck ttached anitary, ufacture n (explain	Propertructure ing shace ch Garage or □ sleed date) _ in)	Length: posed Stru on prope k, etc.)	rty)	□ .cooking	Wid Wid	th: th: _Q	((((((es) (Dimensions X X X X X X X X X X X X X	ght: 9	Square
Proposed Cons Proposed Residenti	Use al Use	(overa	Principal Residence Bunkhou Mobile H Addition Accessor	Structure Le (i.e. cabi With a With (2 With a With A With A See w/ (See w/	(first st in, hunti oft Porch ond) Porce Deck trached anitary, ufacture n (explain Additio	Propositive tructure ing shace the second se	Length: posed Stru on prope k, etc.)	eters, or	□ .cooking	Wid Wid	prep facilitie	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	Sept. 9 Sept	Square Footage
Proposed Cons Proposed Residenti	Use al Use	(overa	Principal Residence Bunkhou Mobile H Addition Accessor Accessor	Structure ce (i.e. cabi with Lo with a with (2 with a with Ai see w/ (see w/ (see w/ Ai see w/ (see w/ Ai see w/ y Building y Building y Building	(first st in, hunti oft Porch Porch ond) Porc Deck ttached anitary, ufacture n (explain (explain Additio	Propertructure ing shace the Garage and date in	eeping quart	eters, or	cooking	wid wid wid wid with which will be with which will be with the window with the will be with	prep facilitie	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	Sept. 9	Square Footage
Proposed Cons Proposed Residenti	Use al Use	(overa	Principal Residence Bunkhou Mobile H Addition Accessor Accessor Special U Condition	Structure ise (i.e. cabi with Lo with a with (2 with a with (2 with Ai se w/ (storne (man /Alteratio ry Building ry Building lise: (explain	(first st in, hunti oft Porch ond) Porce beck trached anitary, ufacture n (explain (explain Addition) (xplain)	Propositive tructure ing shace the second se	eeping quart	eters, or	cooking	wid wid wid wid with which will be with which will be with the window with the will be with	prep facilitie	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	Sept. 9 Sept	Square Footage
Proposed Cons Proposed Residenti	Use al Use	(overa	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e	Structure ce (i.e. cabi with Lo with a with (2 with Ai se w/ (se w/ (se w/ se w/ (se w/ ase w/ (se w/ ase w/ ase w/ (se w/ ase w/ as w/	(first st in, hunti oft Porch ond) Porc Deck ond) Deck ttached anitary, ufacture n (explain (explain Addition) (xyplain)	Propertructure ing shace the Garage date)	eeping quart	ters, or	□.cooking	wid wid	prep facilitie	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	Sept. 9	Square Footage
Proposed Cons Proposed Residenti Commerce Municipa	use al Use I Use	(overa	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e:	Structure Lee (i.e. cabi With Lee With a With (2 With a With Affection With Affec	(first st in, hunti oft Porch ond) Porce Deck tached anitary, ufacture n (explain (explain Additio n) (Armo xplain) ERMIT or S has been ex	Propositive tructure ing shace the second se	Length: posed Stru on prope k, etc.) eeping quare ration (exp	eters, or	□ cooking □ .Shore	Wid Wid	prep facilitie	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	Sht: 9 S	Square Footage Southern Footage 4500 4500
Proposed Cons Proposed Residenti Commerce I (we) declare that th (are) responsible for result of Bayfield Co	use al Use ial Use I Use	(including ar accuracy of this inform	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e.	Structure Le (i.e. cabi With Lo With a With (2 With Ai Lo With Ai	(first st in, hunti oft Porch ond) Porce Deck trached anitary, ufacture n (explain Addition) (explain) xplain)	Propertructure ing shace the second shace or s	Length: posed Stru on prope k, etc.) reping quart ration (exp	eters, or ON WITH the best on by Bayfr	Cooking Shore Shore Out A PERI f my (our) knoeld County in	Wid	prep facilities profC(fi0) RESULT IN PE	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	ght: 9	Square Footage S,040 4500 ge that I (we) am which may be a
Proposed Cons Proposed Residenti Commerce I (we) declare that the (are) responsible for result of Bayfield Coproperty at any reasc	use al Use is application (the detail and unty relying or onable time for	(overa	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e: FAILURE TO y) accompanyin all information all information all information in (we) are ie of inspection.	Structure te (i.e. cabi with Lo with a with (2 with a with (3 with Ai se w/ (se w) / (se w) Alteratio ry Building ry Building se: (explair nal Use: (explair nal Use: (explair) se obtain APE gg information) 1 (we) am (are) n (are) providing	(first st in, hunti oft Porch and) Porc Deck and) Deck ttached anitary, ufacture n (explain Addition Addition Addition ERMIT or S has been exproviding a g in or with	Proportructure ing shace the desired date)	construction (expected upon the construction) and to construct the construction. I (we) const	cture rty) deers, or clain) ON WITH the best on by Bayf sent to co	Shore	Wid	prep facilities prof(fi0) RESULT IN PE d belief it is true in the administering in the admi	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	ght: 9	Square Footage S,040 4500 ge that I (we) am which may be a
Proposed Cons Proposed Residentia Commerce I (we) declare that the (are) responsible for result of Bayfield Coproperty at any reason Owner(s): (If there are Mo	use al Use is application (the detail and unty relying or onable time for	(including ar accuracy of n this inform r the purpose	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e. FAILURE TO ny accompanyin all information all information in (we) ame of inspection.	Structure ce (i.e. cabi with Lc with a with (2 with a with Ai se w/ (se w/ (se w/ se w/ (se w/ se w	(first st in, huntioft Porch and) Porce Deck and) Deck ttached anitary, ufacture n (explain Addition) Approximately explain) and the control of the control explain and the co	Proportructure ing shace the desired date)	construction (expected upon the construction) and to construct the construction. I (we) const	cture rty) deers, or clain) ON WITH the best on by Bayf sent to co	Shore	Wid	prep facilities prof(fi0) RESULT IN PE d belief it is true in the administering in the admi	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	ght: 9))))))))))))) acknowledgept liability eess to the a	Square Footage Southern Footage Stock Footage Stock Footage Stock Footage 4500 4500 Gethat I (we) am which may be a above described
Proposed Cons Proposed Residentia Commerce I (we) declare that th (are) responsible for result of Bayfield Coproperty at any reason Owner(s): (If there are Mo	use al Use ial Use I Use	(overa	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e:	Structure te (i.e. cabi with Lo with a with (2 with Ai se w/ (□ s dome (man /Alteratio ry Building lese: (explair nal Use: (e. xplain) □ 0.0BTAIN A Pr ng information) I (we) am (are) n (are) providing	(first st in, hunti oft Porch and) Porc Deck ttached anitary, ufacture n (explain (explain Addition) ((xplain) and (xplain) and (xplai	Propositive tructure ing shace the second shace or sleet second shace or sleet shace or shace	Length: posed Stru on prope k, etc.) reping quart retion (exp e YENEXI me (us) and to ill be relied up tion. I (we) con (s) of author	ters, or on with the best on by Bayfisent to conization reization reization reization reization.	COOKING SNOW SNOW SOUT A PERF f my (our) kno eld County in unty officials con nust accom	Wid	prep facilities protection RESULT IN PE d belief it is true ng whether to is th administering	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	ght: 9))))))))))))) acknowledgept liability eess to the a	Square Footage Southern Footage Stock Footage Stock Footage Stock Footage 4500 4500 Gethat I (we) am which may be a above described
Proposed Cons Proposed Residentia Commerce I (we) declare that th (are) responsible for result of Bayfield Coproperty at any reason Owner(s): (If there are Mo	use al Use ial Use I Use	(overa	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e:	Structure te (i.e. cabi with Lo with a with (2 with Ai se w/ (□ s dome (man /Alteratio ry Building lese: (explair nal Use: (e. xplain) □ 0.0BTAIN A Pr ng information) I (we) am (are) n (are) providing	(first st in, hunti oft Porch and) Porc Deck ttached anitary, ufacture n (explain (explain Addition) ((xplain) and (xplain) and (xplai	Propositive tructure ing shace the second shace or sleet second shace or sleet shace or shace	Length: posed Stru on prope k, etc.) reping quart retion (exp e YENEXI me (us) and to ill be relied up tion. I (we) con (s) of author	ters, or on with the best on by Bayfisent to conization reization reization reization reization.	COOKING SNOW SNOW SOUT A PERF f my (our) kno eld County in unty officials con nust accom	Wid	prep facilities prof(fi0) RESULT IN PE d belief it is true in the administering in the admi	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	ght: 9))))))))))))) acknowledgept liability eess to the a	Square Footage Southern Footage Stock Footage Stock Footage Stock Footage 4500 4500 Gethat I (we) am which may be a above described
Proposed Cons Proposed Residentia Commerce I (we) declare that th (are) responsible for result of Bayfield Coproperty at any reason Owner(s): (If there are Mo	use al Use ial Use I Use Use use is application (the detail and unty relying or onable time for ultiple Owne ent: are signin	(overa	Bunkhou Mobile H Addition Accessor Special U Condition Other: (e: FAILURE TO ny accompanyin all information lation I (we) are e of inspection.	Structure is (i.e. cabi with Lo with a with (2 with a with (2 with Ai se w/ (s dome (man /Alteratio ry Building se: (explair nal Use: (e xplain) (we) am (are) (are) providing All Owners All Owners Owner(s	(first st in, hunti oft Porch ond) Porc Deck trached anitary, ufacture n (explain (explain Addition a) (Armo explain) ERMIT or S has been exproviding a g in or with must sign (st a lette	Propositive tructure ing shace the second shace or second shac	Length: posed Stru on prope k, etc.) reping quart retion (exp construction ill be relied upc tion. I (we) con (s) of author	on with the best on by Bayfosent to co	Shore	Wid	prep facilities protection RESULT IN PE d belief it is true ng whether to is th administering	(((((((((((((((((((Dimensions X X X X X X X X X X X X X	ght: 9 Solution S	Square Footage S,040 4500 ge that I (we) am which may be a above described

In the box below: Draw or Sketch your Property (regardless of what you are applying for)

Show Location of: (2)Show / Indicate:

Proposed Construction North (N) on Plot Plan

Fill Out in Ink - NO PENCIL

(3)Show: (4)

Show Location of (*): (*) Driveway and (*) Frontage Road (Name Frontage Road) All Existing Structures on your Property

Show: (5)

(*) Well (W); (*) Septic Tank (ST); (*) Drain Field (DF); (*) Holding Tank (HT) and/or (*) Privy (P)

Show any (*): (6)

(*) Lake; (*) River; (*) Stream/Creek; or (*) Pond

(7)Show any (*): (*) Wetlands; or (*) Slopes over 20%

See attached plans

Please complete (1) – (7) above (prior to continuing)

Changes in plans must be approved by the Planning & Zoning Dept.

(8) Setbacks: (measured to the closest point)

Description	Setback Measurements			Description	Setback Measurements		
Setback from the Centerline of Platted Road	245	Feet		Setback from the Lake (ordinary high-water mark)	O	Feet	
Setback from the Established Right-of-Way	183	Feet	Mar	Setback from the River, Stream, Creek	N/A	Feet	
			N.	Setback from the Bank or Bluff	0	Feet	
Setback from the North Lot Line	0	Feet			-		
Setback from the South Lot Line	218	Feet		Setback from Wetland	N/A	Feet	
Setback from the West Lot Line	Ö	Feet		20% Slope Area on the property	X Yes 🗆	No	
Setback from the East Lot Line	0	Feet		Elevation of Floodplain	605	Feet	
Setback to Septic Tank or Holding Tank	MIA	Feet		Setback to Well	NIA	Feet	
Setback to Drain Field	NIA	Feet					
Setback to Privy (Portable, Composting)	NIA	Feet					
Setback to Privy (Portable, Composting)	NIA	Feet	the bo	oundary line from which the setback must be measured must be visible from one	previously surveyed cor	ner to t	

other previously surveyed corner or marked by a licensed surveyor at the owner's expense.

Prior to the placement or construction of a structure more than ten (10) feet but less than thirty (30) feet from the minimum required setback, the boundary line from which the setback must be measured must be visible from one previously surveyed corner to the other previously surveyed corner, or verifiable by the Department by use of a corrected compass from a known corner within 500 feet of the proposed site of the structure, or must be marked by a licensed surveyor at the owner's expense

(9) Stake or Mark Proposed Location(s) of New Construction, Septic Tank (ST), Drain field (DF), Holding Tank (HT), Privy (P), and Well (W).

NOTICE(s):

All Land Use Permits Expire One (1) Year from the Date of Issuance if Construction or Use has not begun. For the Construction of New One & Two Family Dwelling: ALL Municipalities Are Required To Enforce The Uniform Dwelling Code.

The local Town, Village, City, State or Federal agencies may also require permits. If subject property is part of a Condominium Plat, applicant hereby certifies and represents that applicant has all necessary approvals and recorded documents required to complete the project for which this permit is sought including requirements set forth in Wisconsin statutes pertaining to condominium associations, the Declaration of the $Condominium\ Association\ in\ which\ the\ property\ is\ located,\ and\ all\ other\ rules,\ regulations\ and\ requirements\ pertaining\ to\ that\ Condominium\ Association.$

You are responsible for complying with state and federal laws concerning construction near or on wetlands, lakes, and streams. Wetlands that are not associated with open water can be difficult to identify. Failure to comply may result in removal or modification of construction that violates the law or other penalties or costs. For more information, visit the department of natural resources wetlands identification web page or contact a department of natural resources service center (715) 685-2900.

Issuance Information (County Use Only)	Sanitary Number:		# of bedrooms:	Sanitary Date:			
Permit Denied (Date):	Reason for Denial:						
Permit #: 21 - 0364	Permit Date: _ -						
Is Parcel a Sub-Standard Lot Is Parcel in Common Ownership Is Structure Non-Conforming Yes (Deed of Record Yes Yes	ous Lot(s))	Mitigation Required Mitigation Attached		Affidavit Required			
Granted by Variance (B.O.A.) ☐ Yes ☐ No Case #:		Previously Granted by Ves No	Variance (B.O.A.) Case	#:			
Was Parcel Legally Created Was Proposed Building Site Delineated Yes □ No		Were Property Line	es Represented by Owner Was Property Surveyed	Yes No			
Inspection Record: undereloped paral Which is also par	adjacent to t of this p	developed p	arcel # 26391	Zoning District (RRB) Lakes Classification (,)			
Date of Inspection: July 2020	Inspected by:	Norwood		Date of Re-Inspection:			
Must use best management pra Disturbed area Shall be Kept	chiccs to limit to the Minim	lo they need to be atta + I prevent ev um area nee	ched.) osion & sedine ided to comple	metation during project, te project.			
Mist use best management practices to limit prevent evosion & sedimentation during project. Distorbed area Shall be kept to the minimum area needed to complete project. Revenue tate non-rock disturbed areas immediately following work. Must obtain any Necessary State and/or federal approvals prior to starting.							
Signature of Inspector:				Date of Approval:			
Hold For Sanitary: 🗆 Hold For TBA: 🗆 _	Hold For Affid	avit: 🗌	Hold For Fees: 🗌				

(@August 2021) @@January 2000

TOWN BOARD RECOMMENDATION - - (CLASS A - SPECIAL USE)

When Town Board has completed this form, please mail to:

Bayfield County Planning and Zoning Department P.O. Box 58 – Washburn, WI 54891

Phone – (715) 373-6138 Fax – (715) 373-0114 e-mail: zoning@bayfieldcounty.org Website: www.bayfieldcounty.org/147

Date Zoning Received / (Stamp Here)

AUG 20 2021

Bayfield Co.
Planning and Zoning Agency

Property Owner(s) are responsible to give this form to the Town Clerk. Attach a copy of the County Application (8 ½ x 14) [front/back]. This is a Class A special use request. Note: The Town's Planning Commission meets prior to the Town. Once the Town meets they will forward their recommendation to the Planning and Zoning Department. Ask Town if you should be present at their meeting(s).

Property Owner Sarah Olson	Contractor Nordic Growp
Property Address 5790 HWV 13	
Port Wing, WI 54865	
Telephone 612-860-8234	
Accurate Legal Description involved in this request (specify	only the property involved with this application)
1/4 of 1/4, Section <u>35</u> , Township <u>50</u>	N., Range <u>O^Q W</u> . Town of <u>Orienta</u>
Govt. Lot _ Lot _ 2 _ Block Subdivision	CSM#_929
Volume 6 Page 139 of Deeds Tax I.D# 26390) Acreage
Additional Legal Description:	
Applicant: (State what you are asking for) Zoning Dis	strict: R-RB Lakes Classification
Application for Class A Special Use Pe	rmit for shoveland grading and
armor stone revetment for sho	· ·
We, the Town Board, TOWN OF ORIEN TO	do hereby recommend to
☐ Table Approva	
Have you reviewed this for Compatibility with the Compr	
Township: (In detail clearly state Town Board's reason for re	commendation of tabling, approval or disapproval)
PRESERVE PROPERTY FOOM FURTH	IR EROSION.
** THE FOLLOWING <u>MUST</u> BE INCLUDED WITH THIS FORM:	Signed: Chairman: Mare I Noef
 The Tabled, Approval or Disapproval box checked The Town's reasoning for the tabling, approval or disappro 	oval Supervisor: James Baile
3. The form returned to Zoning Department not a copy or fax	Supervisor Tury Kawajzy
** NOTE:	Supervisor:
Receiving Town Board approval, <u>does not</u> allow the start of construction or business, you <u>must</u> first obtain your permit card(s) from the Planning and Zoning Department.	Clerk:
	THE REPORT OF THE PROPERTY OF

I, Sarah Olson, authorize Afton Douville of AMI Consulting Engineers to act as my Authorized Agent to sign all necessary permit applications for the proposed shoreline protection work at my properties in Port Wing, WI (Tax ID #26390 and Tax ID #26391). This authorization is valid from 9/17/2021 to 9/17/2022.

Signed,

Sarah Olson

Afton Douville

Aiton Douville	
From:	Sarah Olson <sarah@saraheolson.com></sarah@saraheolson.com>
Sent:	Wednesday, August 18, 2021 10:39 AM
To:	Afton Douville
Cc:	Ryan Dagger
Subject:	Re: Shoreline Protection Permit
Afton Douville is acting	g as our Authorized Agent for the permit application for our shoreline protection project
Thanks, Sarah Olson	NA OFOO ACL DE THE ACL DE THE COLUMN
On Aug 11, 2021, 2:02 P	M -0500, Afton Douville <afton.douville@amiengineers.com>, wrote:</afton.douville@amiengineers.com>
Hi Sarah,	
	field County permit application for the shoreline protection and need a statement from you Authorized Agent (signing the permit application on your behalf). Can you also provide me the application?
Thanks,	
Afton Douville, EIT	
Marine Civil/Coastal Er	ngineer
AMI Consulting Engine	ers, PA
C : 763.225.7308	
E: Afton.Douville@amieng	<u>sineers.com</u>

Real Estate Bayfield County Property Listing

Today's Date: 10/28/2021

Property Status: Current

Created On: 3/15/2006 1:15:53 PM

Description Updated: 12/8/2020

Tax ID: 26390

PIN: 04-036-2-50-09-35-1 05-001-30000

Legacy PIN: 036110602002 Map ID:

Municipality: (036) TOWN OF ORIENTA

STR: S35 T50N R09W

Description: LOT 2 OF CSM #929 V.6 P.139 BEING A PAR IN GOVT LOT 1 IN DOC 2020R-

585806 790AA

Recorded Acres: 0.890 Calculated Acres: 0.885 Lottery Claims: 0 First Dollar: No

Zonina: (R-RB) Residential-Recreational Business

ESN: 124

Tax Districts Updated: 3/15/2006 STATE 04 COUNTY 036 TOWN OF ORIENTA 044522 SCHL-SOUTHSHORE 001700 TECHNICAL COLLEGE

Recorded Documents Updated: 3/15/2006

WARRANTY DEED

Date Recorded: 12/3/2020 2020R-585806

CONVERSION

Date Recorded: 490206 708-72;887-193

QUIT CLAIM DEED

Date Recorded: 3/25/2004 2004R-490206

Ownership	Updated: 12/8/2020
SARAH E OLSON	EDEN PRAIRIE MN

Billing Address: Mailing Address: SARAH E OLSON **SARAH E OLSON** 10513 RIGBY DR 10513 RIGBY DR EDEN PRAIRIE MN 55347 **EDEN PRAIRIE MN 55347**

Site Address * indicates Private Road

N/A

Acres	Land	Imp.
	Land	Imp.
0.890	81,100	0
2020	2021	Change
1,100	81,100	0.0%
0	0	0.0%
1,100	81,100	0.0%
	1,100 0	2020 2021 1,100 81,100 0



N/A

Town, City, Village, State or Federal Permits May Also Be Required

LAND USE - X (Shoreland/Wetland)
SANITARY SIGN SPECIAL CONDITIONAL BOA -

BAYFIELD COUNTY PERMIT

WEATHERIZE AND POST THIS PERMIT ON THE PREMISES DURING CONSTUCTION

No.	21-0364		Issued	To: Sa	rah O	Ison							
Location:	1/4	of	1/4	Section	35	Township	50	N.	Range	9	W.	Town of	Orienta
Gov't Lot		Lot	2	Blo	ock	Sul	odivisio	n				CSM#	929

For: Residential Other: [Shoreland] Armor Stone Revetment-Shoreline Protection (150' x 30') = 4,500 sq. ft.]
Height 9'

(Disclaimer): Any future expansions or development would require additional permitting.

Condition(s): Must use best management practices to limit/prevent erosion & sedimentation during project.

Disturbed area shall be kept to the minimum area needed to complete project. Revegetate non-rock disturbed areas immediately following work. Must obtain any necessary state and/or federal approvals prior to starting.

You are responsible for complying with state and federal laws concerning construction near or on wetlands, lakes, and streams. Wetlands that are not associated with open water can be difficult to identify. Failure to comply may result in removal or modification of construction that violates the law or other penalties or costs. For more information, visit the department of natural resources wetlands identification web page or contact a department of natural resources service center (715) 685-2900.

NOTE: This permit expires one year from date of issuance if the authorized construction work or work or land use has not begun.

Changes in plans or specifications shall not be made without obtaining approval. This permit may be void or revoked if any of the application information is found to have been misrepresented, erroneous, or incomplete.

This permit may be void or revoked if any performance conditions are not completed or if any prohibitory conditions are violated.

Todd Norwood

Authorized Issuing Official

November 1, 2021

Date

SHORELINE RESTORATION SARAH OLSON 5790 HWY 13 PORT WING, WI





OWNER

OWNER CONTACT

SARAH OLSON SARAH@SARAHEOLSON.COM 10513 RIGBY DR EDEN PRAIRIE, MN 55347

DESIGN TEAM

MARINE CIVIL/COASTAL ENGINEER

AMI CONSULTING ENGINEERS, P.A. ZAC MORRIS, PE

ZAC.MORRIS@AMIENGINEERS.COM 3276 FANUM ROAD, SUITE 100 VADNAIS HEIGHTS, MN 55110 715-718-5721

MARINE CIVIL/COASTAL ENGINEER

AMI CONSULTING ENGINEERS, P.A.

RYAN DAGGER, PE RYAN.DAGGER@AMIENGINEERS.COM 91 MAIN STREET SUPERIOR, WI 54880 715-718-5722

MARINE CIVIL/COASTAL ENGINEER

AMI CONSULTING ENGINEERS, P.A AFTON DOUVILLE, EIT AFTON.DOUVILLE@AMIENGINEERS.COM 91 MAIN STREET

SUPERIOR, WI 54880 715-718-2193

SHEET INDEX

G1.0	TITLE SHEET
C0.0	GENERAL PROJECT NOTES
C1.0	EXISTING CONDITIONS
C1.1	EXISTING CROSS-SECTION
C1.2	EXISTING CROSS-SECTION
C1.3	EXISTING CROSS-SECTION
C2.0	PROPOSED CONDITIONS
C2.1	PROPOSED TYPICAL CROSS-SECTIONS
C2.2	PROPOSED TYPICAL CROSS-SECTION

JOB No: 211079 DATE: 09/01/2021 DESIGNED BY: AMD

G

Survey Layout Information
Coordinate System: US State Plane
1983 — WI North WI83—NF
Datum: NAVD 1988

GOVERNING SPECIFICATIONS

THE CURRENT EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE CURRENT EDITION OF THE COUNTY OF BAYFIELD, WI CONSTRUCTION STANDARDS SHALL GOVERN.

- ELEVATIONS SHOWN, EXCEPT AS NOTED, ARE BASED ON THE 1985 LAKE SUPERIOR INTERNATIONAL GREAT LAKES DATUM (IGLD). ON GENERAL ARRANGEMENT DRAWINGS, ELEVATIONS ARE ALSO SHOWN RELATIVE LAKES DALION (GLD). ON GENERAL ARROWNEMEN UPWINNINGS, ELEVATIONS ARE ALSO SHOWN RECENTLY TO THE IGLD LOW-WAKER DAIVU (LWD). THE IGLD ORDINARY HIGH-WAKER MARK (OHMM) IS 60.31. FT. EXISTING WATER ELEVATIONS MAY WARY ABOVE AND BELOW THE IGLD OHMM AND LWD, RESPECTIVELY, THROUGHOUT THE DURATION OF THE PROJECT. OMARITIONS ADDO'T THE OHMM, AND BELOW THE LWD ARE GENERALLY DUE TO ENVIRONMENTAL CHANGES IN. RAINFALL, WIND, RUNOFF, PRESSURE, AND CYCLICAL CHANGES IN WATER LEVELS.

 - ALL PLAN DIMENSIONS ON THE DRAWINGS ARE MEASURED IN A TRUE HORIZONTAL PLANE UNLESS NOTED DISTRIBUTION.
- ALL MATERIALS AND INSTALLATION MUST MEET THE SPECIFICATIONS LISTED IN THE GENERAL PROJECT NOTES.

 NEW OPENINGS, VOIDS OR SLOPE FAILURES NOT SHOWN IN THE CONSTRUCTION DOCUMENTS CAUSED BY
- EROSION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTING
- PLANS, SECTIONS, AND DETAILS SHALL NOT BE SCALED FOR DETERMINATION OF SIZE, QUANTITIES,
- PLANS, SECTIONS, AND DEFENSE OF ADEQUATE SHORING, BRACING, ETC DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE SHORING, BRACING, ETC DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR BENTECTION OF ANY AND ALL STREETS, UTILITIES, EXISTING
- THE CONTRACTOR IS RESPONSIBLE FOR ADEQUALS SHOWING, BROWNING, ETC DURING CONSTRUCTION.

 CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ANY AND ALL STREETS, UTILITIES, EXISTING
 STRUCTURES, COUPMENT, ETC.

 CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL LOCAL, STATE, & FEDERAL PERMIT REQUIREMENTS AT ALL
 TIMES.
- TIMES.

 EXISTING CONDITIONS, RELATED DIMENSIONS, ELEVATIONS INDICATED IN THE CONSTRUCTION DOCUMENTS SHALL BE FIELD VERIFIED AS SITE CONDITIONS MAY HAVE CHANGED SINCE LAST INSPECTION BY ENGINEER. ANY VERHIED CONDITIONS THAT IDEED FROM THAT INDICATED IN THE CONTRACT DOCUMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO STARTING WORK.

 WHERE A SPECIFIC MODEL, MANUFACTURER, OR GEOMETRIC SIZE/SHAPE OF AN ITEM ARE IDENTIFIED ON THE DEPARTMENT OF THE PROVIDED ON THE PROPERTY OF THE PROVIDED ON THE PROVID
- THE DRAWINGS OR IN THE SPECIFICATIONS, THE MODEL, MANUFACTURER, OR GEOMETRIC SIZE/SHAPE IDENTIFIED ARE THE BASIS OF THE DESIGN. ITEMS OF OTHER MODEL, MANUFACTURER, OR GEOMETRIC SIZE/SHAPE OF EQUAL DESIGN WHICH ARE ACCEPTED BY THE ENGINEER THAT REQUIRE ANY ADDITIONAL DRAWINGS, ENGINEERING DEVIATIONS, OR CONSTRUCTION/QUANTITY CHANGES ARE THE RESPONSIBILITY OF
- THE CONTRACTOR INCLUDING ALL ASSOCIATED COSTS.
 THE ACCURACY OF ANY EXISTING UNDERGROUND UTILITIES AND STRUCTURES ARE NOT GUARANTEED AND
- NOT INCLUSIVE. FIELD CONDITIONS SHALL BE VERIFIED PRIOR TO ANY EXCAVATION.
 THE GENERAL COASTAL NOTES GIVEN IN THE CONSTRUCTION DOCUMENTS MAY NOT BE INCLUSIVE TO THE
- THE GENERAL COASTAL NOTES GIVEN IN THE CONSTRUCTION DOCUMENTS MAY NOT BE INCLUSIVE TO THE ENTIRE PROLECT. SEP CITY PROLECT SEP CITYCATIONS (IF PROVIDED) FOR ADDITIONAL INFORMATION.

 COASTAL EROSION PROTECTION STRUCTURES SUCH AS CONCRETE RETAINING WALLS AND ARMOR STONE REVETIBENTS, AROUND THE GREAT LAKES ARE TYPICALLY DESIGNED FOR A 40 TO 50-YEAR DESIGN LIFE. IT IS IMPORTANT TO RECOGNET THAT THIS ASSUMPTION IS NO GURARNITE THAT THE COASTAL STRUCTURE WILL LAST FOR ITS INTENDED DESIGN LIFE AS WEATHER CAN BE LUPREPORTABLE. A STORM DEVENT THAT EXCEOSED STREES ELECT DESIGN CONDITIONS MAY COCUR IN ANY GIVEN YEAR BUT SHOULD NOT ALWAYS BE USED AS A DESIGN CONSTRAINT. IN ORDER TO DETERMINE APPROPRIATE DESIGN CRITERIA, RISK OF FAILURE MUST BE ASSESSED ON A LEVEL THAT ACCURATELY REPRESENTS THE EXISTING COASTAL ENVIRONMENT, THE CONSCIUENCES OF A STRUCTURE FAILURE, AND ALSO ALLOWS FOR COASTAL DEVELOPMENT WITHIN REASONABLE RISK TOLERANCES.

DESIGN CRITERIA

- CODES AND SPECIFICATIONS
 ALL DESIGN, UNLESS OTHERWISE NOTED, ARE IN ACCORDANCE WITH THE FOLLOWING:
 LOCAL & STATE CODES FOR WHICH THE PROJECT IS ERECTED
- INTERNATIONAL BUILDING CODE (IBC)

- COASTAL DESIGN CONDITIONS
 DESIGN WATER LEVEL = TO BE DETERMINED (INCLUDING STORM SURGE, SEICHE AND WAVE SETUP)
 DESIGN WAVE HEIGHTS, HMO = TO BE DETERMINED AND H1 = TO BE DETERMINED

- FURNISH DURABLE FIELD OR QUARRY STONE THAT IS SOUND, HARD, DENSE, RESISTANT TO THE ACTION
 OF ICE, AIR & WATER, AND FREE OF SEAMS, CRACKS, DELETERIOUS MATERIALS, OR OTHER STRUCTURAL
- OF DC. AND WINDOWS (RECEIVED BY ANY MECHANICAL MEANS THAT PRODUCE A COMPLETED JOB WITHIN REASONABLE TOLERANCES OF THE TYPICAL SECTION THE PLANS SHOW.

 THE ARMOR STONE SHALL MEET THE MINIMUM REQUIREMENTS:

 2.70

ASTM C127: SPECIFIC GRAVITY (SATURATED SURFACE-DRY BASIS):	>	2.70
ASTM CA27: WATER ABSORPTION (24 HR IMMERSION):	<	2.0%
ASTM C88: SOUNDNESS LOSS:	<	13.0%
ASTM C535: ABRASION AND IMPACT:	<	30.%
ASTM C-42: COMPRESSIVE STRENGTH:	>	3000 PSI

- ASIM C-22: COMPRESSI STRENGTH:

 EACH STONE SHALL HAVE THREE POINTS OF CONTACT TO ENSURE PROPER INTERLOCK.

 ARMOR STONE SHALL BE PLACED SUCH THAT EACH STONE IS RESTING FIRMLY ON THE STONES BENEATH
 AND HAS THE WEIGHT OF OTHER STONES ADOVE TO HOLD IT IN PLACE.

 ARMOR STONE SHALL BE INSTALLED TO THE DIMENSIONS AND LOCATIONS AS INDICATED IN THE
- DRAWINGS.

 ARMOR STONE SHALL BE INSTALLED FROM THE BOTTOM OF THE SLOPE WORKING UP THE SLOPE.

 ROUND FIELD STONE IS NOT ACCEPTABLE, UNLESS SPECIFICALLY DESIGNATED ON THE DRAWINGS.

GEOTEXTILE FABRIC

- GEOTEXTILE SHALL BE A PERMOUS SHEET OF PLASTIC YARN NON-WOVEN INTO A UNIFORM PATTERN WITH DISTINCT AND MEASURABLE OPENINGS. IT SHALL BE RESISTANT TO ULTRA-VIOLET AND/OR HEAT
- EXPOSURE.

 GEOTEXTILE SHALL HAVE EXTREMELY HIGH STRENGTH CHARACTERISTICS, BE ROT PROOF, MILDEW PROOF, AND COMPLETELY UNAFFECTED BY MOISTURE AND EXCELLENT RESISTANCE TO ACIDS AND ALKALIS.

 THE NON-WOVEN GEOTEXTILE SHALL MEET THE MINIMUM REQUIREMENTS:

300 MIN
50% MIN
585 MIN
175 MIN
100
70 MIN
4% MIN
0.1 MIN

- PERMADBILITY (CM/SEC)

 GOTEXTILE SHALL BE PLACED AT THE LOCATIONS AS SHOWN ON THE DRAWINGS.

 THE CLOTH SHALL BE LAGD LOOSELY BUT WITHOUT WRINKLES OR CREASES.

 THERE SHALL BE A MINIMUM OVERLAP OF 2 FEET.

 ALL CLOTH DAMAGED DURING INSTALLATION OR DURING PLACEMENT OF STONE SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.

PERMITS

CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL LOCAL PERMITTING REQUIRED OUTSIDE OF THE DNR, USACE, COUNTY AND TOWNSHIPS NECESSARY BEFORE THE START OF THE PROJECT.

GENERAL VEGETATION NOTES

- SENERAL VEGETATION NOTES

 ALL PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSIL 260.1 AND AMERICAN ASSOCIATION OF NURSERYMEN.

 LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE WRITTEN PROOF OF PLANT MATERIALS SUPPLIED TO THE JOB STIE ARE FREE OF NEONLOTHONDS. PROVIDE IDENTIFICATION TAG FROM THE SUPPLYING NURSERY SHOWING COMMON AND BOTANICAL PLANT NAMES FOR EACH SPECIES DELIVERED TO THE
- SITE.

 TREES REMOVED DURING CONSTRUCTION GREATER THAN 4 INCHES IN DIAMETER MUST BE REPLACED WITH A NEW TREE FROM THE PROVIDED TREE LIST. SUBSTITUTIONS FROM THE TREE LIST MUST BE APPROVED BY THE OWNER OR ENGINEER.

 PROTICET NEWLY SEEDED AREAS AND SLOPES AGAINST EROSION AND SEED LOSS DUE TO BIRDS AND OTHER WILDLIFE BY INSTALLING A 100% BIODEGRADABLE EROSION CONTROL BLANKET MEETING THE PROPRIETS FOR SITE OF THE PROPRIETS FOR SITE OF
- OTHER WILDING BY INSTALLING A TOUGH BOUGHT AND THE SECOND CONTINUE DESIRED INCENTION FROM THE PROVIDED SPECIFICATIONS.

 STAKE PROPOSED LOCATIONS PER PLAN OF ALL TREES AND SHRUBS PRIOR TO PLACEMENT AND NOTIFY ENGINEER OR OWNER FOR REVIEW.

 CONTRACTOR SHALL BE AWARE OF UNDERGROUND UTILITY LOCATIONS PRIOR TO DIGGING. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CURRENT CONDITIONS ON SITE. ANY DAMAGE THAT OCCUPS TO THE SITE DURING CONSTRUCTION DUE TO WEATHER, DISEASE, ANIMALS OR PEOPLE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER.

 ANY DAMAGED VECETATION SHALL BE REPLACED WITH OWNER APPROVED MATERIAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WISTING THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO BID AND INSTALLATION.

SEEDING

- All seeding performed on site shall conform to the following specifications.

 Seed Areas disturbed due to equipment unless noted otherwise.

 Seeding can occur between May 15th and June 30th or After November 1st until Frozen
- APPROVED SEED MIXES SHALL BE PER WISDOT CONSTRUCTION SPECIFICATIONS FOR THE CURRENT YEAR
- OR SELECTED BY THE ENGINEER (SEE DRAWINGS).
 PREPARE THE SOIL SURFACE TO PROVIDE A SMOOTH, MOIST AND EVENLY TEXTURED FOUNDATION
 BEFORE SOWING SEED. TILL THE SOIL SURFACE TO REMOVE TRACK IMPRINTS FROM WHEELED OR TRACKED FOUIPMENT.
- TRACKED EQUIPMENT.

 STORE SEED FROM TIME OF PURCHASE UNTIL INSTALLATION AT 50 DEGREES FAHRENHEIT AND 50 PERCENT HUMIDITY. PROTECT THE SEED FROM MOISTURE UNTIL SOWING, DO NOT USE WET OR MOLDY SEED APPLY SEED WITHIN 48 HOURS OF FERTILIZER APPLICATION.

 RESEED AREAS WHERE THE ORGANAL SEED HAS FAILED TO GROW, AS DIRECTED BY THE ENGINEER.

- UNF REINFORCEMENT MATS (TRIN'S) USED FOR PERMANENT SLOPE STABILITY SHALL MEET THE FOLLOWING REQUIREMENTS.

 THE TERM SHALL BE SUITABLE FOR SLOPES EQUAL TO OR GREATER THAN 2H-IV.

 STAPLES SHALL BE 100% BIODEGRADABLE WITH A U-SHAPED TOP, THE STAPLES PATTERN SHALL BE PER MANUFACTURES RECOMMENDATIONS BASED ON SOIL TYPE.

 STAPLES SHALL BE A MINIMUM OF 8 INCHES.

 BEFORE PLACING THE TRM, THE CONTRACTOR SHALL CERTIFY THAT THE SUBGRADE HAS BEEN PROPERLY COMPACTED AND GRADED TO ELEVATIONS SPECIFIED.

 THE CONTRACTOR SHALL NOT PROCEED UNIT ALL UNSAITSFACTORY CONDITIONS HAVE BEEN REMEDIED.

 NO VEHICULAR TRAFFIC SHALL BE PERMITTED DIRECTLY ON THE TRM.

- THE TIM SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION CUDELINES AND STAPLE PATTERN GUIDES. THE TIME SHALL BE FREE OF DEFECTS AND DAMAGE. DAMAGE OR DEFECTIVE MATERIALS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

- PLANTING

 ANY VEGETATION PLANTED NEW OR TRANSPLANTED SHALL MEET THE FOLLOWING SPECIFICATIONS.

 PLANTING CAN OCCUR IN THE EARLY SPRING UNTIL JUNE 30TH.

 FALL CONFERENCE PLANTING IS ACCEPTABLE AFTER AUGUST 15TH UNTIL OCTOBER 1ST.

 FALL DECODUOUS PLANTING IS ACCEPTABLE AFTER AUGUST 15TH UNTIL THE GROUND FREEZES.

 ANY ADJUSTMENTS TO PLANTING DATES MUST BE APPROVED IN WRITING BY THE ENGINEER.

 UNLESS NOTED OTHERWISE, DECIDIOUS SHRIPES SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED HEIGHT, ORNAMENTAL TREES SHALL HAVE NO "V" CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 3 FT ABOVE THE ROOT BALL STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 6 FT ABOVE PAYED SURFACES.

 PLANTING SOIL STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 6 FT ABOVE PAYED SURFACES.
- APPLY PRE-EMERGENT HERBICIDE (PREEN OR APPROVED EQUAL) IN ANNUAL, PERENNIAL, AND SHRUB
- BEDS FOLLOWED BY SHREDDED HARDWOOD MULCH.
 CONFIRM ALL PLANT QUANTITIES, SPECIES AND SIZES ARE AVAILABLE DURING THE REQUIRED PLANTING

- SEASON.

 DO NOT STORE PLANTS IN TOTAL DARKNESS MORE THAN ONE DAY.

 DO NOT DAWAGE ROOT BALL OR ROOT FLARE DURING TRANSPORTATION OR CONSTRUCTION.

 REMOVE ALL ROCK AND DEBRIS 1" AND LARGER FROM PLANTING BASE AND LEGALLY DISPOSE OF ALL EXTRA MATERIALS RESULTING FROM THE WORK.

 TAMP SOIL AROUND BASE OF ROOT BALL FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT
- SHIFT.

 SCARIFY THE SIDES AND BOTTOM OF THE HOLE BEFORE PLACING THE TREE IN THE PLANTING HOLE.

 DO NOT BURRY THE ROOT FLARE OF THE TREE WHEN PLANTING.

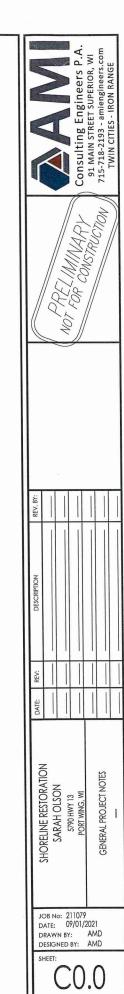
 GUY AND STAKE TREES AS NECESSARY TO MAINTAIN THE TREES IN A PLUMB CONDITION, IMMEDIATELY AFTER PLANTING, PROVIDE A MINIMUM OF TWO GUY WIRES PER TIREE ON THE UPHILL SIDE OF THE
- SLOPE FOR TREES PLANTED ON SLOPES STEEPER THAN 3H:1V.
 SET TREE PLUMB AND MAINTAIN THROUGHOUT A 1 YEAR WARRANTY PERIOD. REMOVE ALL FLAGGING
- TREES DELIVERED WITH BROKEN LIMBS OR GROWTH DEFORMITIES WILL NOT BE ACCEPTED WITHOUT OWNER'S APPROVAL.
 SEE ACCEPTABLE PLANT SPECIES IN THE TABLE PROVIDED. SUBSTITUTIONS FROM THIS LIST MUST BE
- APPROVED BY THE OWNER AND/OR THE ENGINEER.

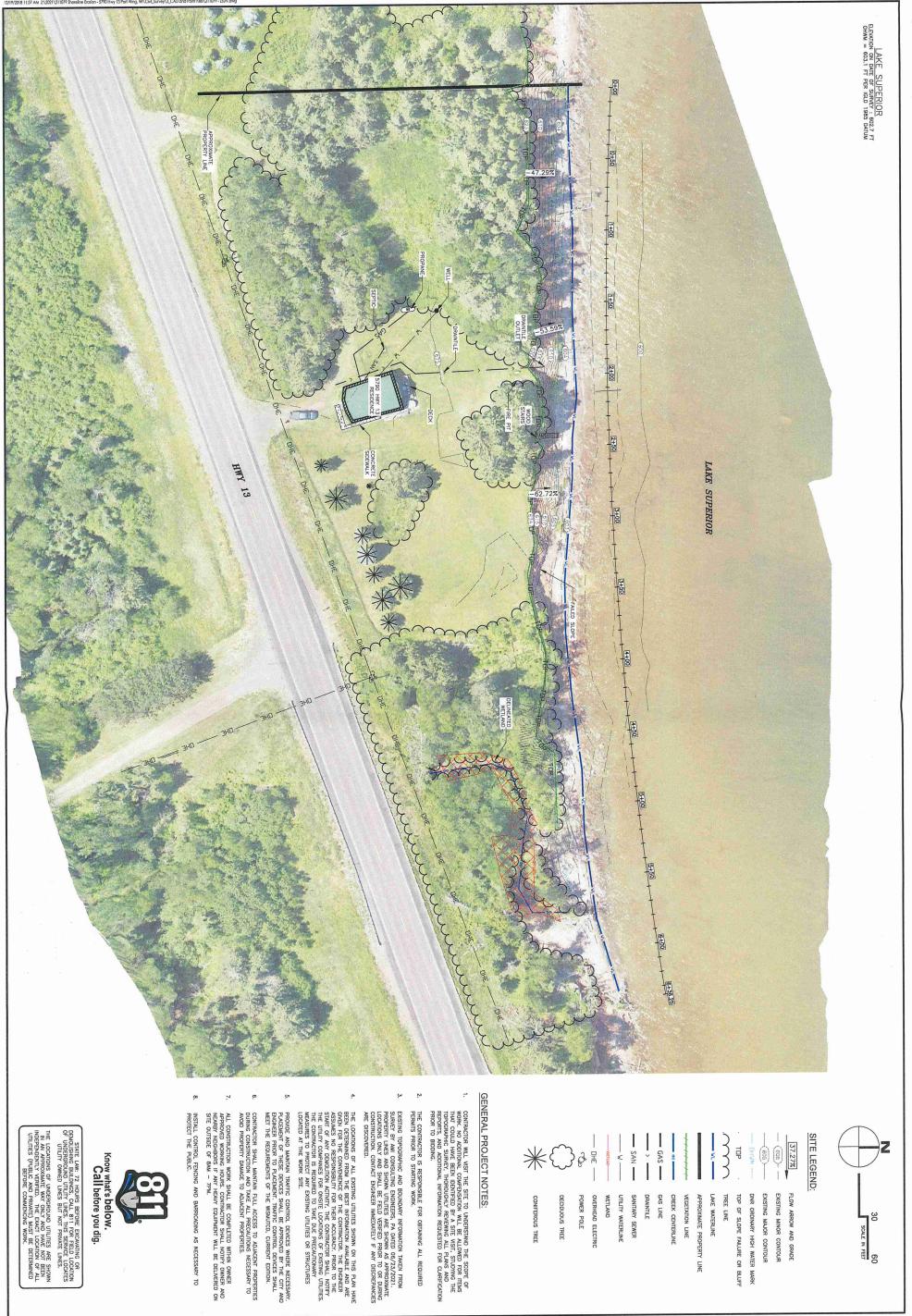
MULCHING

- INSTALL 3" DEEP FINELY SHREDDED HARDWOOD MULCH RINGS AT CONFEROUS AND DECIDUOUS TREES
 WITH NO MULCH IN DIRECT CONTACT WITH TREE TRUNK.

 INSTALL 3" DEEP FINELY SHREDDED HARDWOOD MULCH RINGS AT SHRUB PLANTING AREAS WITH NO
- MULCH IN DIRECT CONTACT WITH SHRUB STEMS.
- INSTALL 2" DEEP FINELY SHREDDED MULCH IN PERENNIAL PLANTING BEDS. REMOVE ALL MULCH FROM STEMS OF PERENNIALS, PLANT STEMS SHOULD NOT BE IN DIRECT CONTACT WITH MULCH







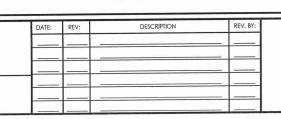
THE LOCATIONS OF UNDERGEOUND UTILITIES ARE SHOWN
IN AN APPROXIMATE WAY ONLY AND HAVE ROT BEEN
INDEPENDENTLY VERRIED. THE EXACT LOCATION OF ALL
UTILITIES (PUBLIC, AND FAVILE) MUST BE DETERMINED
BEFORE COMMENCING WORK. STATE LAW: 72 HOURS BEFORE EXCAVATING OR DEMOLISHING BUILDINGS, CALL 811 FOR FIELD LOCATION OF UNDERGROUND UTILITY LINES. THIS SERVOE LOCATES UTILITY OWNED LINES BUT NOT PRIVATE LINES.

JOB NO: 211079
DATE: 09/01/2021
DRAWN BY: AMD
DESIGNED BY: AMD SHORELINE RESTORATION

SARAH OLSON 5790 HWY 13

PORT WING, WI

EXISTING CONDITIONS

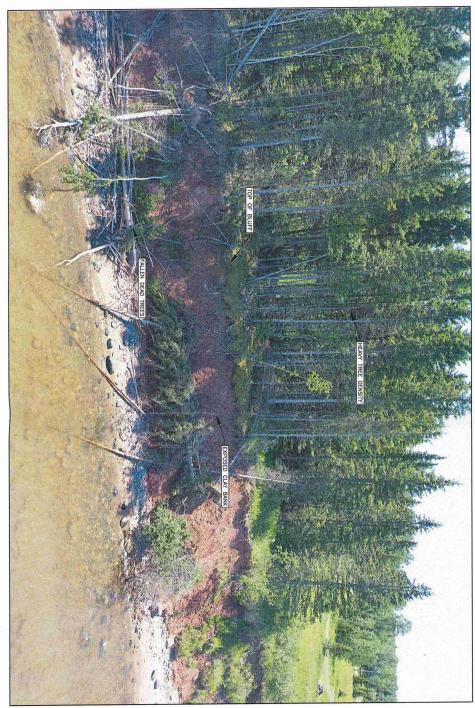




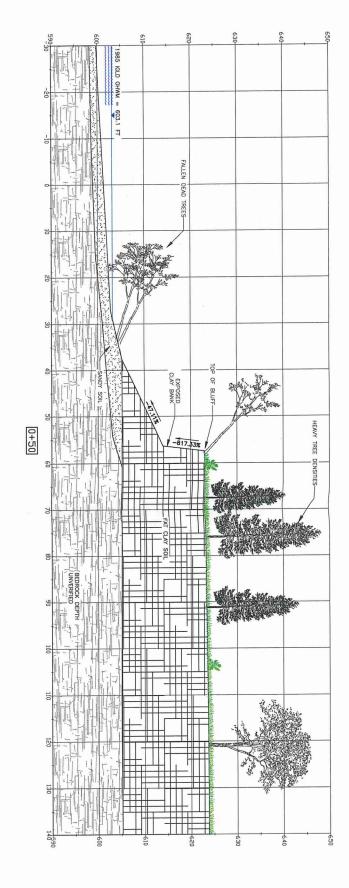


SCALE IN FEET

EXISTING CONDITIONS
DATED: JUNE 23, 2021
WATER ELEV. AT DATE OF PHOTO = 602.7 FT



1 EXISTING CROSS-SECTION (C1.1) SCALE:1*=10'-0"



\$ D D D	SHORELINE RESTORATION	DATE:	REV:	DESCRIPTION	REV. BY:
OB NO:	SARAH OLSON		<u> </u>	3	
211079 09/01/2 BY: D BY:	5790 HWY 13 PORT WING, WI				
AMD AMD	EXISTING CROSS-SECTION				

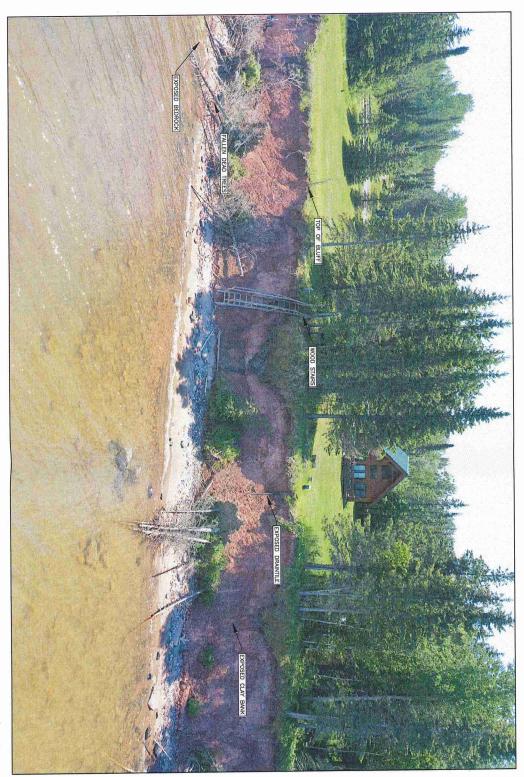




EXISTING CONDITIONS

DATED: JUNE 23, 2021

WATER ELEY. AT DATE OF PHOTO = 602.7 FT



FINAL STANS STANS SECTION

EXERCISE OF STANS SECTION

EXERCISE OF STANS SECTION

EXERCISE OF STANS SECTION

EXERCISE OF STANS SECTION

얼 교 및 및 당 SHORELINE RESTORATION DATE: REV:	DESCRIPTION REV. BY:
I m a s o siloneline resionation	
SARAH OLSON —	
5790 HWY 13 8 90 0 25 0 70 PORT WING, WI	
EXISTING CROSS-SECTION	

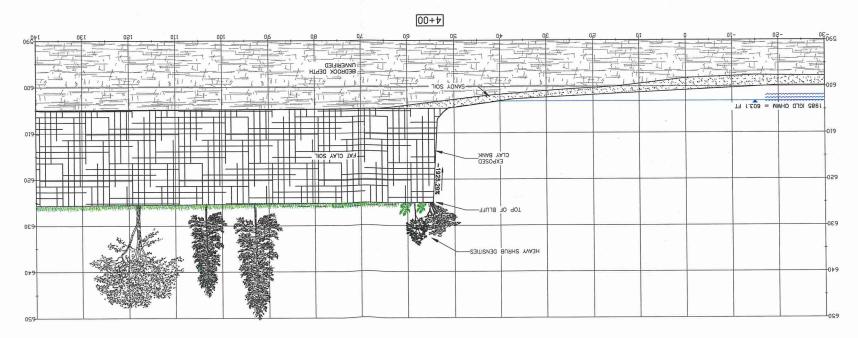




Ε,	CJ'							
CHEEL: DESIGNED BA: PWD DEVIE: 03/01/5051 DOB Not: 51/03/6								
EXISTING CROSS-SECTION	SHORELINE RESTORATION SARAH OLSON 57790 HWY 13 PORT WING, WI							
	DATE:							
	REV:							
	DESCRIPTION							
	REV. BY:							



(C| 2) 20/1E:1,=10,-0, 1 EXIZII/NE CKO22-2ECLION



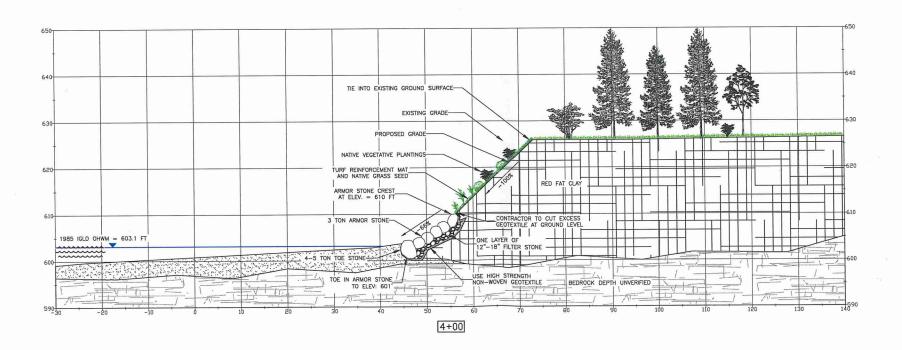
NOT FOR CONSTRUCTION





DESIGNED BY: AMD

1 PROPOSED TYPICAL CROSS-SECTION CALE: 1"=10"



2 PROPOSED TYPICAL CROSS-SECTION SCALE: 1*=10"

Consulting Engineers P.A. 91 MAIN STREET SUPERIOR, WI 715-718-2193 - amiengineers.com

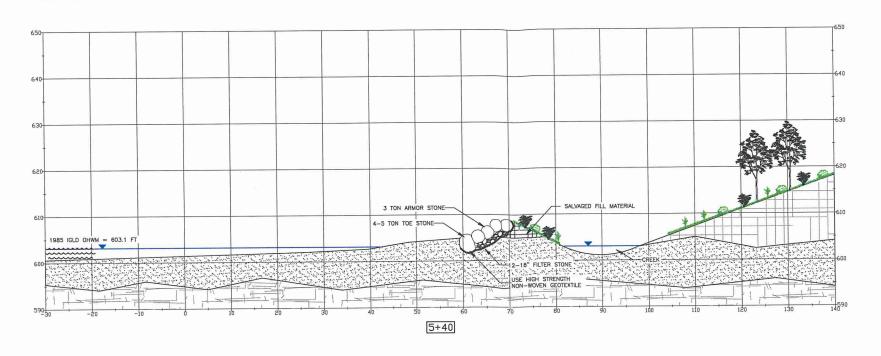
NOT FOR CINSPACTION

DATE. REV. BY: DESCRIPTION REV. BY:

SHORELINE RESTORATION
SARAH OLSON
5790 HWY 13
PORT WING, WI

JOB NO: 211079 DATE: 09/01/2021 DRAWN BY: AMD DESIGNED BY: AMD

C2.1



PROPOSED TYPICAL CROSS-SECTION

re Erosian - 5790 Hwy 13 Port Wing, WI\Marine\3_CAD\211079 - 23D.dwg

JOB NO: 211079
DATE: 09/01/2021
DRAWN BY: AMD
DESIGNED BY: AMD
SHEET:

Bayfield Co. Planning Agency

SEP 09 2021

RECEIVED

SUBMIT: COMPLETED APPLICATION, TAX STATEMENT AND FEE TO:

Bayfield County Planning and Zoning Depart. PO Box 58 Washburn, WI 54891 (715) 373-6138

Address to send permit 91 Main St. Superior, WI

APPLICATION FOR PERMIT BAYFIELD COUNTY, WISCONSIN

Date Stamp (Received)
SEP 0 9 2021

Bayfield Co. Planning and Zoning Agency

Permit #:	21-036
Date:	11-1-2021
Amount Paid:	195- dax 9-13-21
Refund:	made a

Attach

Copy of Tax Statement

If you recently purchased the property send your Recorded Deed

INSTRUCTIONS: No permits will be issued until all fees are paid.
Checks are made payable to: Bayfield County Zoning Department.

DO NOT START CONSTR	RUCTION	UNTIL ALI	. PERMITS HA	VE BEEN IS	SUED TO APPL	ICANT											
TYPE OF PERMIT	REQUES	STED-	X LAN	D USE	□ SANITA	Service of		CON			SPEC	IAL US	E 🗆	B.O.		ОТН	ER
Owner's Name:	Mailing Address: City/State/Zip: Telephone: 10513 Rigby Dr Eden Prairie, MN 55347 612-860-8234						7-8724										
Address of Property		City/State/Zip:					20 24	4 1	Cell Pho		0 0239						
5790 HWY 13 Port Wing, WI 5						1101	5				CCIITI	one.					
Contractor:							or Phone:	Plumb		700	<i>9</i> 5			\dashv	Plumbe	r Phor	ne:
Nordic	Gro	up			218		41-9149										
Authorized Agent:	(Person Sig		cation on beha	lf of Owner(nt Ph					(include City/		0.00	,	Writter		orization
A CONTRACTOR OF THE STATE OF	DOWV	1116					225 -7308 -5 digits)	91 N	Iain St	r. 51	rberior				X Yes		ster of Deeds)
PROJECT LOCATION	Legal	Descrip	tion: (Use T	ax Statem	ant)	639											55806
			Gov't	Lot		SM	Vol & Page	2	Lot(s) No	o. E	Block(s) No.		vision:				
1/4, _		_ 1/4		1	3 (129	V6 P139	1									
Section	35 ,	Township	50_1	N, Range	09 w		Town of:					Lot Siz	e		Acre		
							Uri	ento	λ	1					١.	84	
							(incl. Intermittent)		tance Stru	ucture	is from Shor			ls Prop	erty in	Ar	e Wetlands
X Shoreland →			dward side o		et of Lake, P		-continue -		**** CA		is from Shor	fee	Flo	oodpla X N	in Zone? Ves		Present? X Yes
	94 15	Property	/ Land Withii	1 1000 160			r Flowage -continue —>		tance Stru		is from Shoi O	eline : fee	t				□ No
☐ Non-Shoreland																	
Value at Time								e a la l	, .			24 1 2 1 4	10000000	7 - 4 - 4			
of Completion		Proje		# 01	Stories				#			What	Туре	of			
* include donated time &		Proje	CL .		basement		Use		of				itary S		n		Water
material								be	drooms		IS	on the	prope	rty?			
			ruction	☐ 1-St						_	Municipal/0						☐ City
\$ 150,000		dition/ <i>F</i> oversion	Alteration	☐ 1-St	tory + Loft		Year Round			+	New) Sanit			10-2	HT	_	Well □
			xisting bldg)		ement	+-				_			ts) Specify Type:				
			ness on		Basement			X	None	□ F	Portable (w	service	rvice contract)				
	Pro	perty			ndation / 🔼	+		-			Compost To	ilet					_
□ 🗵 _ None																	
Proposed Constr			ng applied fo	r is releva	int to it)		ngth:	-1	10	Wid	No. of the	7			ght: ght:	9'	
Troposed consti	uction.						- 50 () -	10	vvici		30		пеі	giit.	1	
Proposed Us	se	1				Pro	posed Struct	ure					Dime	ension	ıs		iquare ootage
			Principal:	Structur	e (first stru	cture	e on property)		China din		(Х)		ootage
			Residence		oin, hunting	sha	ck, etc.)					(Х)		
	Use			with L	oft Porch	11	·					(X)		
A residential	030				2 nd) Porch		+					(X X)		
				with a	Deck							(Х)		
	f.11				2 nd) Deck							(Х)		
Commercial	use		Durald		Attached Ga	_				0.6.		(X)		
							eeping quarters							X X)		
			Addition/	Alteration	on (specify)	atej						1		X)		
Municipal U	Jse		Accessory	Buildin	g (specify)					-		(Х)		
	□ Accessory Building (specify) (X) □ Accessory Building Addition/Alteration (specify) (X)																
	Special Use: (explain) <u>Qrmor Stone revelment - Shore line</u> Conditional Use: (explain) <u>protection</u>						(91			5,0	940					
			Other: (ex		explain)				P	TOTE	CHON	(30	X 4	10)	12	,300
					DEDMIT of STA	DTINIC	CONSTRUCTION	WITHOU	IT A DEDAM			1		^	,		
	- application	n (including	any accompanyi	ng informati	on) has been exa	mined	CONSTRUCTION	e best of	my (our) kno	owledge a	ind belief it is tru	e. correct	and comp	olete. I (v	we) acknov	vledge ti	hat I (we)
I (we) declare that this	or the	I (we) declare that this application (including any accompanying information) has been examined by me (us) and to the best of my (our) knowledge and belief it is true, correct and complete. I (we) acknowledge that I (we) am (are) providing and that it will be relied upon by Bayfield County in determining whether to issue a permit. I (we) further accept liability which may be a result of Bayfield County relying on this information I (we) am (are) providing in or with this application. I (we) consent to county officials charged with administering county ordinances to have access to the															
am (are) responsible for may be a result of Bay	or the deta yfield Cou n	nty relying o	acy of all inform on this informati	ation I (we) a on I (we) am	am (are) providir ı (are) providing	g and t	hat it will be relied	upon by E I (we) cor	Bayfield Coun nsent to cour	inty in det unty officia	ermining whether als charged with	r to issue administe	a permit. ering coun	I (we) f ity ordina	urther acco	ept liabil ave acce	ess to the
am (are) responsible for may be a result of Bay above described prope	or the deta yfield Coun erty at any i	nty relying or reasonable	acy of all inform on this information time for the purp	ation I (we) a on I (we) am pose of inspe	am (are) providir (are) providing ction.	ig and t in or w	hat it will be relied ith this application.	I (we) co	nsent to cour	unty officia	als charged with	administe	ering coun	ity ordina	ances to h	ave acce	ess to the
am (are) responsible for may be a result of Bay above described prope Owner(s): (If there are Mult	or the deta yfield Coun erty at any i	reasonable	acy of all inform on this informati- time for the purp on the Deed	ation I (we) a on I (we) am pose of inspe	am (are) providing ction.	g and t in or w	that it will be relied ith this application.	I (we) con	ust accome	unty officia	als charged with	administe	ering coun	ity ordina	urther acce ances to h	ave acce	ess to the
am (are) responsible for may be a result of Bay above described prope	or the deta yfield Coun erty at any i	reasonable	acy of all inform on this informati- time for the purp on the Deed	ation I (we) a on I (we) am pose of inspe	am (are) providing ction.	g and t in or w	that it will be relied ith this application.	I (we) con	ust accome	unty officia	als charged with	administe	Date	ty ordin	ances to h	ave acce	ess to the

54880

(9) Stake or Mark Proposed Location(s) of New Construction, Septic Tank (ST), Drain field (DF), Holding Tank (HT), Privy (P), and Well (W).

NOTICE: All Land Use Permits Expire One (1) Year from the Date of Issuance if Construction or Use has not begun.

For The Construction Of New One & Two Family Dwelling: ALL Municipalities Are Required To Enforce The Uniform Dwelling Code.

The local Town, Village, City, State or Federal agencies may also require permits.

Issuance Information (County Use Only)	Sanitary Number:	2709	# of bedrooms:	Sanitary Date:			
Permit Denied (Date):	Reason for Denial:						
Permit #: 21-036/	Permit Date: //-/-	2021					
Is Parcel a Sub-Standard Lot Is Parcel in Common Ownership Is Structure Non-Conforming □ Yes (Deed of Record □ Yes (Fused/Contigue	ous Lot(s))	Mitigation Required Mitigation Attached	Yes No	Affidavit Required			
Granted by Variance (B.O.A.) ☐ Yes ☐ No Case #:	(Previously Granted b ☐ Yes ☐ No		ee #:			
Was Parcel Legally Created Was Proposed Building Site Delineated Yes □ No Yes □ No		Were Property Lines Represented by Owner Was Property Surveyed Yes Yes					
Inspection Record: Evoded bluff on developed lot. Adjacent parcel 26390 Zoning District (RRB is also part of this project.							
Date of Inspection: July 2020 Inspected by: Todd Norwood Date of Re-Inspection:							
Condition(s): Town, Committee or Board Conditions Attached? Yes No- (If No they need to be attached.) Must use best management practices to limit/prevent erosion & sedimentation during project. Disturbed area shall be Kept to the minimum area needed to Complete project. Revegetate non-rock disturbed areas immediately following work. Must obtain any necessary that and for federal approvals prior to Starting. Must obtain a land use permit from Signature of Inspector.							
Signature of Inspector: Loads Norword			antanaris n	Date of Approval:			
Hold For Sanitary: 🗆 Hold For TBA: 🔾	Hold For Affic	davit: 🗆	Hold For Fees:				
Bay field Co. Zoning if replacing stairs to the lake.							

One Project on adjoining properties

TOWN BOARD RECOMMENDATION -- (CLASS A - SPECIAL USE)



When Town Board has completed this form, please mail to:

Bayfield County Planning and Zoning Department P.O. Box 58 – Washburn, WI 54891 Phone – (715) 373-6138

Fax – (715) 373-0114 e-mail: zoning@bayfieldcounty.org Website: www.bayfieldcounty.org/147

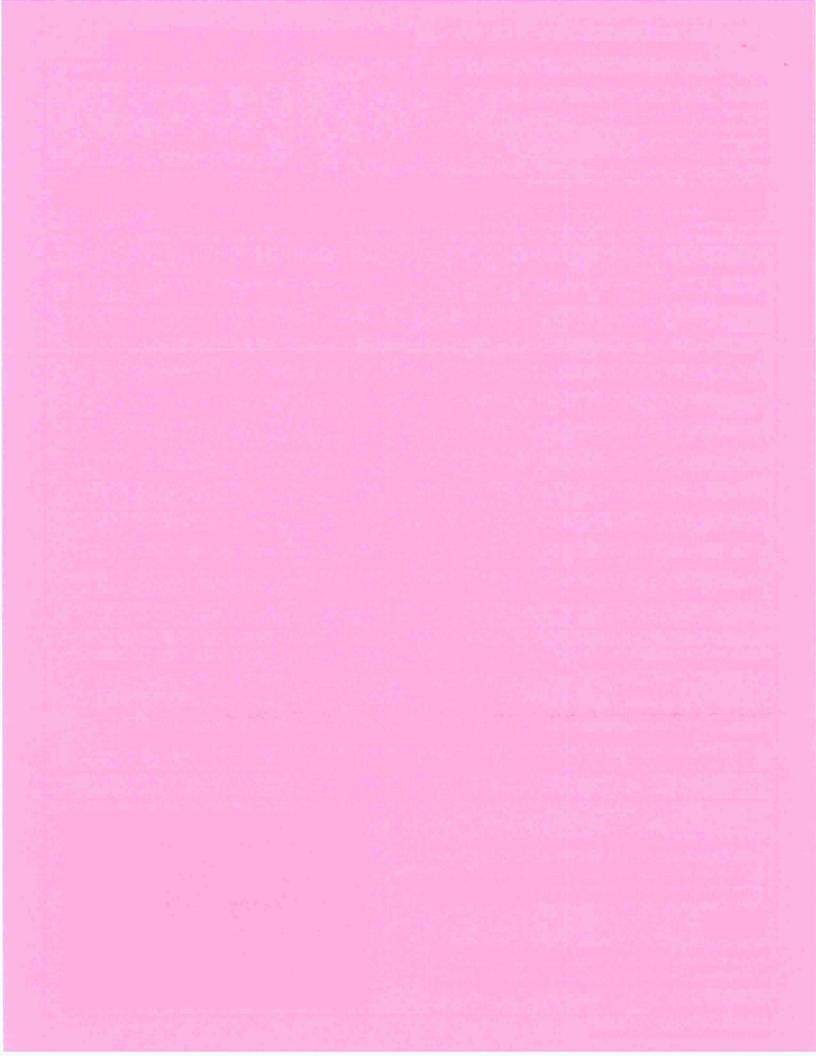
Date Zoning Received: (Stamp Here)

AUG 2 0 2021

Bayfield Co. Zoning Dept.

Property Owner(s) are responsible to give this form to the Town	n Clerk. Attach a copy of the County Application (8 1/2 x 14)
[front/back]. This is a Class A special use request. Note: The Town's Plan	nning Commission meets prior to the Town. Once the Town meets they
will forward their recommendation to the Planning and Zoning Department.	sk Town if you should be present at their meeting(s).

Property Address 5790 HWY 13							
	Authorized Agent Afton Douville						
Port Wing, WI 54865							
	Agent's Telephone 763 - 225 - 7308						
Telephone 612-860-8234							
Accurate Legal Description involved in this request (specify only the property involved with this application)							
1/4 of 1/4, Section 35, Township 50 N., Range 09 W. Town of Oriental							
 Govt. Lot <u>1</u> Lot <u>3</u> Block Subdivision	CSM# 929						
Volume Page 139 of Deeds Tax I.D# 2639							
Additional Legal Description:							
Applicant: (State what you are asking for) Zoning Dist	the state of the s						
Application for class A special Use	permit for shoreland grading and						
armor stone revetment for shoreline	protection.						
We, the Town Board, TOWN OF ORIENTA							
☐ Table ☐ Approval							
Township: (In detail clearly state Town Board's reason for red							
PRESENENTE PROPERTY PROM							
** THE FOLLOWING MUST BE INCLUDED WITH THIS FORM:	Mail Thall						
1. The Tabled, Approval or Disapproval box checked	1 Rel						
2. The Town's reasoning for the tabling, approval or disapprov 3. The form returned to Zoning Department not a copy or fax	(a)						
** NOTE:	Supervisor: Thurst flows						
	Supervisor:						
- Control and Cont	10 de Nomen						
Receiving Town Board approval, <u>does not</u> allow the start of construction or business, you <u>must</u> first obtain your permit card(s) from the Planning and Zoning Department.	Clerk: Clyll Clerker Date: 8/14/21						
	Chairman: Mare Z / Doll						



I, Sarah Olson, authorize Afton Douville of AMI Consulting Engineers to act as my Authorized Agent to sign all necessary permit applications for the proposed shoreline protection work at my properties in Port Wing, WI (Tax ID #26390 and Tax ID #26391). This authorization is valid from 9/17/2021 to 9/17/2022.

Signed,

Sarah Olson

Afton Douville

From: Sent: To: Cc: Subject:	Sarah Olson <sarah@saraheolson.com> Wednesday, August 18, 2021 10:39 AM Afton Douville Ryan Dagger Re: Shoreline Protection Permit</sarah@saraheolson.com>
Afton Douville is acting as our	Authorized Agent for the permit application for our shoreline protection project
Thanks, Sarah Olson On Aug 11, 2021, 2:02 PM -0500,	. Afton Douville <afton.douville@amiengineers.com>, wrote:</afton.douville@amiengineers.com>
Hi Sarah,	
	nty permit application for the shoreline protection and need a statement from you zed Agent (signing the permit application on your behalf). Can you also provide me lication?
Thanks,	
Afton Douville, EIT	
Marine Civil/Coastal Engineer	
AMI Consulting Engineers, PA	
C: 763.225.7308	
E: Afton.Douville@amiengineers.co	<u>m</u>
	•

Real Estate Bayfield County Property Listing

Today's Date: 10/28/2021

Property Status: Current Created On: 3/15/2006 1:15:53 PM

Ownership
SARAH E OLSON

Updated: 12/8/2020 EDEN PRAIRIE MN

Billing Address: Mailing Address:

SARAH E OLSON

10513 RIGBY DR

EDEN PRAIRIE MN 55347

Mailing Address:

SARAH E OLSON

10513 RIGBY DR

EDEN PRAIRIE MN 55347

▼ Site Address * indicates Private Road

5790 STATE HWY 13 PORT WING 54865

Property Assessment Updated: 7/17/2018 2021 Assessment Detail Code Imp. Acres Land **G1-RESIDENTIAL** 1.840 155,300 85,200 2-Year Comparison 2020 2021 Change Land: 155,300 155,300 0.0% Improved: 85,200 85,200 0.0% Total: 240,500 240,500 0.0%

Property History

N/A

(manufa.	
Description	Updated: 12/8/2020
Tax ID:	26391
PIN:	04-036-2-50-09-35-1 05-001-20000
Legacy PIN:	036110602003
Map ID:	
Municipality:	(036) TOWN OF ORIENTA
STR:	S35 T50N R09W
Description:	LOT 3 OF CSM # 929 V.6 P.139 BEING A
	PAR IN GOVT LOT 1 IN DOC 2020R-
	585806 790B
Recorded Acres:	1.840
Calculated Acres:	1.697
Lottery Claims:	0
First Dollar:	Yes
Zoning:	(R-RB) Residential-Recreational Business
ESN:	124

Tax Districts	Updated: 3/15/2006
1	STATE
04	COUNTY
036	TOWN OF ORIENTA
044522	SCHL-SOUTHSHORE
001700	TECHNICAL COLLEGE
([™])%o	

Recorded Documents	Updated: 3/15/2006
₩ WARRANTY DEED	

W WARRENT DEED	
Date Recorded: 12/3/2020	2020R-585806
CONVERSION	

Date Recorded:	490205 708-72;887-188
QUIT CLAIM DEED	
Date Recorded: 3/25/2004	2004R-490205
Grantee: LUETH PARTNERSHIP	

Sale Price: 0 0 Acres

Town, City, Village, State or Federal Permits May Also Be Required

LAND USE - X (Shoreland/Wetland)
SANITARY SIGN SPECIAL CONDITIONAL BOA -

BAYFIELD COUNTY PERMIT

WEATHERIZE AND POST THIS PERMIT ON THE PREMISES DURING CONSTUCTION

No.	21-0361		Issued	d To: Sa	rah O	Ison							
Location:	1/4	of	1/4	Section	35	Township	50	N.	Range	9	W.	Town of	Orienta
Gov't Lot		Lot	3	Blo	ock	Sul	odivisio	n				CSM#	929

For: Residential Other: [Shoreland] Armor Stone Revetment-Shoreline Protection (410' x 30') = 12,300 sq. ft.]
Height 9'

(Disclaimer): Any future expansions or development would require additional permitting.

Condition(s): Must use best management practices to limit/prevent erosion & sedimentation during project. Disturbed area shall be kept to the minimum area needed to complete project. Revegetate non-rock disturbed areas immediately following work. Must obtain any necessary state and/or federal approvals prior to starting. Must obtain a land use permit from Bayfield County Zoning if replacing stairs to the lake.

You are responsible for complying with state and federal laws concerning construction near or on wetlands, lakes, and streams. Wetlands that are not associated with open water can be difficult to identify. Failure to comply may result in removal or modification of construction that violates the law or other penalties or costs. For more information, visit the department of natural resources wetlands identification web page or contact a department of natural resources service center (715) 685-2900.

NOTE: This permit expires one year from date of issuance if the authorized construction work or work or land use has not begun.

Changes in plans or specifications shall not be made without obtaining approval. This permit may be void or revoked if any of the application information is found to have been misrepresented, erroneous, or incomplete.

This permit may be void or revoked if any performance conditions are not completed or if any prohibitory conditions are violated.

Todd Norwood

Authorized Issuing Official

November 1, 2021

Date

SHORELINE RESTORATION SARAH OLSON 5790 HWY 13 PORT WING, WI





OWNER

OWNER CONTACT

SARAH OLSON SARAH@SARAHEOLSON.COM 10513 RIGBY DR EDEN PRAIRIE, MN 55347

DESIGN TEAM

715-718-5722

MARINE CIVIL/COASTAL ENGINEER

AMI CONSULTING ENGINEERS, P.A ZAC MORRIS, PE ZAC.MORRIS, @AMIENGINEERS.COM

ZAC.MORRIS@AMIENGINEERS.COM 3276 FANUM ROAD, SUITE 100 VADNAIS HEIGHTS, MN 55110 715-718-5721

MARINE CIVIL/COASTAL ENGINEER

AMI CONSULTING ENGINEERS, P.A RYAN DAGGER, PE RYAN.DAGGER@AMIENGINEERS.COM 91 MAIN STREET SUPERIOR, WI 54880

MARINE CIVIL/COASTAL ENGINEER

AMI CONSULTING ENGINEERS, P.A
AFTON DOUVILLE, EIT
AFTON.DOUVILLE@AMIENGINEERS.COM
91 MAIN STREET
SUPERIOR, WI 54880
715-718-2193

PROPOSED TYPICAL CROSS-SECTION

SHEET INDEX

 G1.0
 TITLE SHEET

 C0.0
 GENERAL PROJECT NOTES

 C1.0
 EXISTING CONDITIONS

 C1.1
 EXISTING CROSS-SECTION

 C1.2
 EXISTING CROSS-SECTION

 C1.3
 EXISTING CROSS-SECTION

 C2.0
 PROPOSED CONDITIONS

 C2.1
 PROPOSED TYPICAL CROSS-SECTIONS

The state of the s						
CONCRETE AND ADDRESS OF THE PROPERTY						
20000000						
	SI CILCELLISE NESI CINCOLI	SAKAH OLSON	PORT WING, WI	TITLE SHEET	i	

JOB No: 211079

DRAWN BY: AMD

DESIGNED BY: AMD

G1.0

Survey Layout Information
Coordinate System: US State Plane
1983 — WI North WI83—NF
Datum: NAVD 1988

GOVERNING SPECIFICATIONS

THE CURRENT EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE CURRENT EDITION OF THE COUNTY OF BAYFIELD, WI CONSTRUCTION STANDARDS SHALL GOVERN,

- FLEVATIONS SHOWN, EXCEPT AS NOTED, ARE BASED ON THE 1985 LAKE SUPERIOR INTERNATIONAL GREAT ELEVAIONS SHOWN, EXCEPT AS NOTED, ARE BASED ON THE 1980 EARS SUPERIOR INIDENTATIONAL GREAT LARGE SURLIN (ELD). ON GENERAL ARRANGEDHET DRAWINGS, ELEVATIONS ARE ALSO SHOWN RELATIVE TO THE IGLD LOW-WATER DATUM (LWD). THE IGLD ORDINARY HIGH-WATER MARK (OHWM) IS 603.1 FT. EXISTING WATER ELEVATIONS MAY VARY ABOVE AND BELOW THE IGLD OHWIN AND LWD, RESPECTIVELY, THROUGHOUT THE DUPATION OF THE PROJECT. VARIATIONS ABOVE THE OHWM AND BELOW THE LUD ARE GENERALLY DUE TO ENVIRONMENTAL CHANGES, I.E. RAINFALL, WIND, RUNOFF, PRESSURE, AND CYCLICAL HANGES IN WATER LEVELS.
- ALL PLAN DIMENSIONS ON THE DRAWINGS ARE MEASURED IN A TRUE HORIZONTAL PLANE UNLESS NOTED
- ALL MATERIALS AND INSTALLATION MUST MEET THE SPECIFICATIONS LISTED IN THE GENERAL PROJECT
- NEW OPENINGS VOIDS OR SLOPE FAILURES NOT SHOWN IN THE CONSTRUCTION DOCUMENTS CAUSED BY EROSION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTING THE WORK.
- THE WORK.

 PLANS, SECTIONS, AND DETALS SHALL NOT BE SCALED FOR DETERMINATION OF SIZE, QUANTITIES, LENGTHS, ETC.

 THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE SHORING, BRACING, ETC DURING CONSTRUCTION.

 CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ANY AND ALL STREETS, UTILITIES, EXISTING STRUCTURES, EQUIPMENT, ECC.

 CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL LOCAL, STATE, & FEDERAL PERMIT REQUIREMENTS AT ALL TURES.
- EXISTING CONDITIONS, RELATED DIMENSIONS, ELEVATIONS INDICATED IN THE CONSTRUCTION DOCUMENTS
- SHALL BE FIELD VERIFIED AS SITE CONDITIONS MAY HAVE CHANGED SINCE LAST INSPECTION BY ENGINEER. ANY VERIFIED CONDITIONS THAT DIFFER FROM THAT INDICATED IN THE CONTRACT DOCUMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPOUL PRIOR TO STARTING WORK.
 WHERE A SPECIFIC MODEL, MANUFACTURER, OR GEOMETRIC SIZE/SHAPE OF AN ITEM ARE IDENTIFIED ON
- THE DRAWINGS OR IN THE SPECIFICATIONS, THE MODEL, MANUFACTURER, OR GEOMETRIC SIZE/SHAPE
 IDENTIFIED ARE THE BASIS OF THE DESIGN. ITEMS OF OTHER MODEL, MANUFACTURER, OR GEOMETRIC
 SIZE/SHAPE OF EQUAL DESIGN WHICH ARE ACCEPTED BY THE ENGINEER THAT REQUIRE ANY ADDITIONAL DRAWINGS, ENGINEERING DEVIATIONS, OR CONSTRUCTION/QUANTITY CHANGES ARE THE RESPONSIBILITY OF

- DRAWINGS, ENGINEERING DEVATIONS, OR CONSTRUCTION/QUANTITY CHANGES ARE THE RESPONSIBILITY OF THE CONTRACTOR INCLUSION CALL ASSOCIATED COSTS.

 THE ACCURACY OF ANY ENISTING UNDERGROUND UTILITIES AND STRUCTURES ARE NOT GUARANTEED AND NOT INCLUSIVE. FIRED CONDITIONS SHALL BE VERFIED FROME TO AMY EXCAVATION.

 THE GENERAL COASTAL NOTES GIVEN IN THE CONSTRUCTION DOCUMENTS MAY NOT BE INCLUSIVE TO THE ENTIRE PROJECT. SEE FULL PROJECT SPECIFICATIONS (F PROVIDED) FOR ADDITIONAL INFORMATION. COASTAL EROSION PROTECTION STRUCTURES SUCH AS CONCRETE RETAINING WALLS AND ARMOR STONE REVERMENTS, AROUND THE GREAT LAKES ARE TYPICALLY DESIGNED FOR A 40 TO 50-YEAR DESIGN LIFE. IT IS INFORMATION TO RECORDAZE THAT THIS ASSUMPTION IS NO GUARANTEE THAT THE COASTAL STRUCTURE WILL LAST FOR ITS INTENDED DESIGN LIFE AS WEATHER CAN BE UNPREDICTABLE. A STORM EVENT THAT EXCEEDS THESE SELECT DESIGN CONDITIONS MAY OCCUR IN ANY GIVEN YEAR BUT SHOULD NOT ALWAYS BE USED AS A DESIGN CONSTRAINT. IN ORDER TO DETERMINE APPROPRIATE DESIGN CRITERIA, RISK OF PAULINE MUST BE ASSESSED ON A LEVEL THAT ACCURATELY REPRESENTS THE CRITERIA, RISK OF FAILURE MUST BE ASSESSED ON A LEVEL THAT ACCURATELY REPRESENTS THE EXISTING COASTAL ENVIRONMENT, THE CONSEQUENCES OF A STRUCTURE FAILURE, AND ALSO ALLOWS FOR

DESIGN CRITERIA

- CODES AND SPECIFICATIONS

- ALL DESIGN, UNLESS OTHERWISE NOTED, ARE IN ACCORDANCE WITH THE FOLLOWING: LOCAL & STATE CODES FOR WHICH THE PROJECT IS ERECTED

COASTAL DEVELOPMENT WITHIN REASONABLE RISK TOLERANCES.

- INTERNATIONAL BUILDING CODE (IBC)

 ASCE STANDARD 7

 COASTAL DESIGN CONDITIONS
- A. DESIGN WATER LEVEL = TO BE DETERMINED (INCLUDING STORM SURGE, SEICHE AND WAVE SETUP)

 B. DESIGN WAVE HEIGHTS, HMO = TO BE DETERMINED AND H1 = TO BE DETERMINED

ARMOR STONE

- FURNISH DURABLE FIELD OR QUARRY STONE THAT IS SOUND, HARD, DENSE, RESISTANT TO THE ACTION
 OF ICE, AIR & WATER, AND FREE OF SEAMS, CRACKS, DELETERIOUS MATERIALS, OR OTHER STRUCTURAL
- DEFECTS.

 THE CONTRACTOR MAY PLACE ARMOR STONE BY ANY MECHANICAL MEANS THAT PRODUCE A COMPLETED JOB WITHIN REASONABLE TOLERANCES OF THE TYPICAL SECTION THE PLANS SHOW.

 THE ARMOR STONE SHALL MEET THE MINIMUM REQUIREMENTS:

ASTM C127: SPECIFIC GRAVITY (SATURATED SURFACE-DRY BASIS):	>	2.70
ASTM CA27: WATER ABSORPTION (24 HR IMMERSION):	<	2.0%
ASTM C88: SOUNDNESS LOSS:	<	13.0%
ASTM C535: ABRASION AND IMPACT:	<	30.%
ASTM C-42: COMPRESSIVE STRENGTH:	>	3000

- ASIM C-42: COMPRESSIVE STRENGTH:

 EACH STONE SHALL HAVE THERE POINTS OF CONTACT TO ENSURE PROPER INTERLOCK.

 ARBURS TSONE SHALL BE PLACED SUCH THAT EACH STONE IS RESTING FIRMLY ON THE STONES BENEATH
 AND HAS THE WEIGHT OF OTHER STONES ABOVE TO HOLD IT IN PLACE.

 ARBURS STONE SHALL BE INSTALLED TO THE DIMENSIONS AND LOCATIONS AS INDICATED IN THE

- ARMOR STONE SHALL BE INSTALLED FROM THE BOTTOM OF THE SLOPE WORKING UP THE SLOPE. ROUND FIELD STONE IS NOT ACCEPTABLE, UNLESS SPECIFICALLY DESIGNATED ON THE DRAWINGS.

GEOTEXTILE FABRIC

- GEOTEXTILE SHALL BE A PERVIOUS SHEET OF PLASTIC YARN NON-WOVEN INTO A UNIFORM PATTERN WITH DISTINCT AND MEASURABLE OPENINGS. IT SHALL BE RESISTANT TO ULTRA-VIOLET AND/OR HEAT
- EAPUSURE.

 GEOTEXTILE SHALL HAVE EXTREMELY HIGH STRENGTH CHARACTERISTICS, BE ROT PROOF, MILDEW PROOF, AND COMPLETELY UNAFFECTED BY MOISTURE AND EXCELLENT RESISTANCE TO ACIDS AND ALKALIS. THE NON-MOVEN GEOTEXTILE SHALL MEET THE MINIMUM REQUIREMENTS:

NON-WOVEN GEOTEXTILE SHALL MEET THE MINIMUM REQUIREMENTS:	
ASTM D4632: TENSILE STRENGTH (LBS)	300 M
ASTM D4632: ELONGATION AT BREAK	50% M
ASTM D3786: MULLEN BURST STRENGTH (PSI)	585 M
ASTM D4833: PUNCTURE RESISTANCE (LBS)	175 MI
ASTM D4751: AOS (U.S. STANDARD SIEVE)	100
ASTM D4355: UV RESISTANCE, % RETAINED	70 MIN
PERCENT OPEN AREA	4% MIN
PERMEABILITY (CM/SEC)	0.1 MI

- GEOTEMILE SHALL BE PLACED AT THE LOCATIONS AS SHOWN ON THE DRAWINGS.
 THE CLOTH SHALL BE LAD LOOSELY BUT WITHOUT WRINKLES OR CREASES.
 THERE SHALL BE A MININUM OVERLAP OF 2 FEET.
 ALL CLOTH DAMAGED DURING INSTALLATION OR DURING PLACEMENT OF STONE SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER

CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL LOCAL PERMITTING REQUIRED OUTSIDE OF THE DNR, USACE, COUNTY AND TOWNSHIPS NECESSARY BEFORE THE START OF THE PROJECT.

GENERAL VEGETATION NOTES

- JENIEKAL VEGETATION NOTES

 ALL PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSII Z60.1 AND AMERICAN ASSOCIATION OF NURSERYMEN.

 LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE WRITTEN PROOF OF PLANT MATERIALS SUPPLIED TO THE JOB STIE ARE FREE OF NEONICOTHORDS. PROVIDE DENTIFICATION TAG FROM THE SUPPLYING NURSERY SHOWING COMMON AND BOTANICAL PLANT NAMES FOR EACH SPECIES DELIVERED TO THE
- TREES REMOVED DURING CONSTRUCTION GREATER THAN 4 INCHES IN DIAMETER MUST BE REPLACED. WITH A NEW TREE FROM THE PROVIDED TREE LIST. SUBSTITUTIONS FROM THE TREE LIST MUST BE APPROVED BY THE OWNER OR ENGINEER.
- APPROVED BY THE OWNER OR ENGINEER.

 PROTECT NEWLY SEEDED AREAS AND SLOPES AGAINST EROSION AND SEED LOSS DUE TO BIRDS AND OTHER WILDLIFE BY INSTALLING A 100% BIODEGRADABLE EROSION CONTROL BLANKET MEETING THE OTHER WILDLIFE BY INSTALLING A 100% BIODEGRADABLE EROSION CONTROL BLANKET MEETING THE
 PROVIDED SPECIFICATIONS.

 - STAKE PROPOSED LOCATIONS PER PLAN OF ALL TREES AND SHRUBS PRIOR TO PLACEMENT AND NOTIFY
 ENGINEER OR OWNER FOR REVIEW.

 - CONTRACTOR SHALL BE AWARE OF UNDERGROUND UTILITY LOCATIONS PRIOR TO DIGGING.

 - THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CURRENT CONDITIONS ON SITE. ANY DAMAGE THAT
 COCCURS TO THE SITE DURING CONSTRUCTION DUE TO WEATHER, DISEASE, MINLALS OR PEOPLE IS THE
 SOLE RESPONSIBILITY OF THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER.

 - ANY DAMAGED VEGETATION SHALL BE REPLACED WITH OWNER APPROVED MATERIAL.

 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR WISTING THE SITE TO BECOME FAMILIAR WITH THE
 EXISTING CONDITIONS PRIOR TO BID AND INSTALLATION.

- ALL SEEDING PERFORMED ON SITE SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS.
 SEED AREAS DISTRIBED DUE TO EQUIPMENT UNLESS NOTED OTHERWISE.
 SEED AREAS DISTRIBED ONE TO EQUIPMENT UNLESS NOTED OTHERWISE.
 SEEDING CAN OCCUR BETWEEN MAY 15TH AND JUNE 30TH OR AFTER NOTEMBER 1ST UNTIL FROZEN
- APPROVED SEED MIXES SHALL BE PER WISDOT CONSTRUCTION SPECIFICATIONS FOR THE CURRENT YEAR
- APPROVED SEED MIXES SHALL BE PER WISDOT CONSTRUCTION SPECIFICATIONS FOR THE CURRENT YEAR OR SELECTED BY THE ENGINEER (SEE DRAWINGS).

 PREPARE THE SOIL SURFACE TO PROVIDE A SMOOTH, MOIST AND EVENLY TEXTURED FOUNDATION BEFORE SOWING SEED. TILL THE SOIL SURFACE TO REMOVE TRACK IMPRINTS FROM WHEELED OR TRACKED EQUIPMENT.

 STORE SEED FROM TIME OF PURCHASE UNTIL INSTALLATION AT 50 DEGREES FARRENHEIT AND 50 PERCENT HUMDITY, PROTECT THE SEED FROM MOISTURE UNTIL SOWING. DO NOT USE WET OR MOLDY SEED. APPLY SEED WHERE THE ORIGINAL SEED HAS FAILED TO GROW, AS DIRECTED BY THE ENGINEER.

TURF REINFORCEMENT MATS

- TURF REINFORCEMENT MATS (TRM'S) USED FOR PERMANENT SLOPE STABILITY SHALL MEET THE FOLLOWING REQUIREMENTS.
- FOLLOWING REQUIREMENTS.

 THE TRM SHALL BE SUITABLE FOR SLOPES EQUAL TO OR GREATER THAN 2H:1V.

 STAPLES SHALL BE 100% BIODEGRADABLE WITH A U-SHAPED TOP. THE STAPLES PATTERN SHALL BE PER MANUFACTURES RECOMMENDATIONS BASED ON SOIL TYPE.

 STAPLES SHALL BE A MINIMUM OF B INCHEST.

 BEFORE PLACING THE TRM, THE CONTRACTOR SHALL CERTIFY THAT THE SUBGRADE HAS BEEN PROPERTY COMPACTED AND GRADED TO ELEVATIONS SPECIFIED.

 THE CONTRACTOR SHALL NOT PROCEED UNTIL ALL UNSATISFACTORY CONDITIONS HAVE BEEN REMEDIED.

 NO VEHICULAN TRAFFIC SHALL BE PERMITTED DIRECTLY ON THE TRM.

 THE TRM SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION GUIDELINES AND STAPLE PATTERN GUIDES.

- INSTALLATION GUIDELINES AND STAPLE PATTERN GUIDES.
- THE TRU SHALL BE FREE OF DEFECTS AND DAMAGE. DAMAGED OR DEFECTIVE MATERIALS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

PLANTING

- **LANTING**
 MY VEGETATION PLANTED NEW OR TRANSPLANTED SHALL MEET THE FOLLOWING SPECIFICATIONS.
 PLANTING CAN OCCUR IN THE EARLY SPRING UNTIL JUNE 30TH.
 FALL CONFEROUS PLANTING IS ACCEPTABLE AFTER AUGUST 15TH UNTIL OCTOBER 1ST.
 FALL DECIDIOUS PLANTING IS ACCEPTABLE AFTER AUGUST 15TH UNTIL THE GROUND FREEZES.
 ANY ADJUSTMENTS TO PLANTING DATES MUST BE APPROVED IN WRITING BY THE ENGINEER.
 UNLESS NOTED OTHERWISE, DECIDIOUS SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED

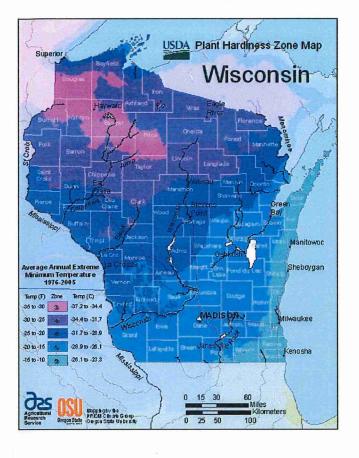
- UNLESS ROLLED UTERHENDE, DECUDUOUS SHRUBS SHALL HAVE AT LEAST 3 CARES AT THE SPECIFIED HEIGHT. ORNAMENTAL TREES SHALL HAVE NO "C' CROTCHES AND SHALL BEGING BRANCHING NO LOWER THAN 3 FT ABOVE THE ROOT BALL STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 6 FT ABOVE PAUED SUFFACES.
 PLATTING SOIL SHALL CONSIST OF MINDOT 3877-B MODIFIED TO CONTAIN A MAXIMUM OF 30% SAND AND A PH OF 7.1 MAX.
 APPLY PRE-EMERGENT HERBICIDE (PREEN OR APPROVED EQUAL) IN ANNUAL, PERENNAL, AND SHRUB SEPSE FOI LOWERD PAUSPHORED.
- BEDS FOLLOWED BY SHREDDED HARDWOOD MULCH.
 CONFIRM ALL PLANT QUANTITIES, SPECIES AND SIZES ARE AVAILABLE DURING THE REQUIRED PLANTING
- DO NOT STORE PLANTS IN TOTAL DARKNESS MORE THAN ONE DAY.

 DO NOT DAMAGE ROOT BALL OR ROOT FLARE DURING TRANSPORTATION OR CONSTRUCTION.

- DO NOT DAMAGE ROOT BALL OR ROOT FLARE DURING TRANSPORTATION OR CONSTRUCTION.
 REMOVE ALL ROCK AND DEBIS 1º AND LAGGER FROM PLANTING BASE AND LEGALLY DISPOSE OF ALL EXTRA MATERIALS RESULTING FROM THE WORK.
 TAMP SOIL AROUND BASE OF ROOT BALL FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT.
 SCARIPY THE SIDES AND BOTTOM OF THE HOLE BEFORE PLACING THE TIREE IN THE PLANTING HOLE.
 DO NOT BURRY THE ROOT FLARE OF THE TIREE WHEN PLANTING.
 GUY AND STAKE TREES AS NECESSARY TO MAINTAIN THE TREES IN A PLUMB CONDITION, IMMEDIATELY AFTER PLANTING, PROVIDE A MININUM OF TWO GUY WIRES PER TREE ON THE UPHILL SIDE OF THE SLOPE FOR TREES PLANTED ON SLOPES STEEPER THAN SHLY.
 SET TREE PLUMB AND MAINTAIN THROUGHOUT A 1 YEAR WARRANTY PERIOD. REMOVE ALL FLAGGING AND LARGETS.
- TREES DELIVERED WITH BROKEN LIMBS OR GROWTH DEFORMITIES WILL NOT BE ACCEPTED WITHOUT
- OWNER'S APPROVAL.
 SEE ACCEPTABLE PLANT SPECIES IN THE TABLE PROVIDED. SUBSTITUTIONS FROM THIS LIST MUST BE
- APPROVED BY THE OWNER AND/OR THE ENGINEER.

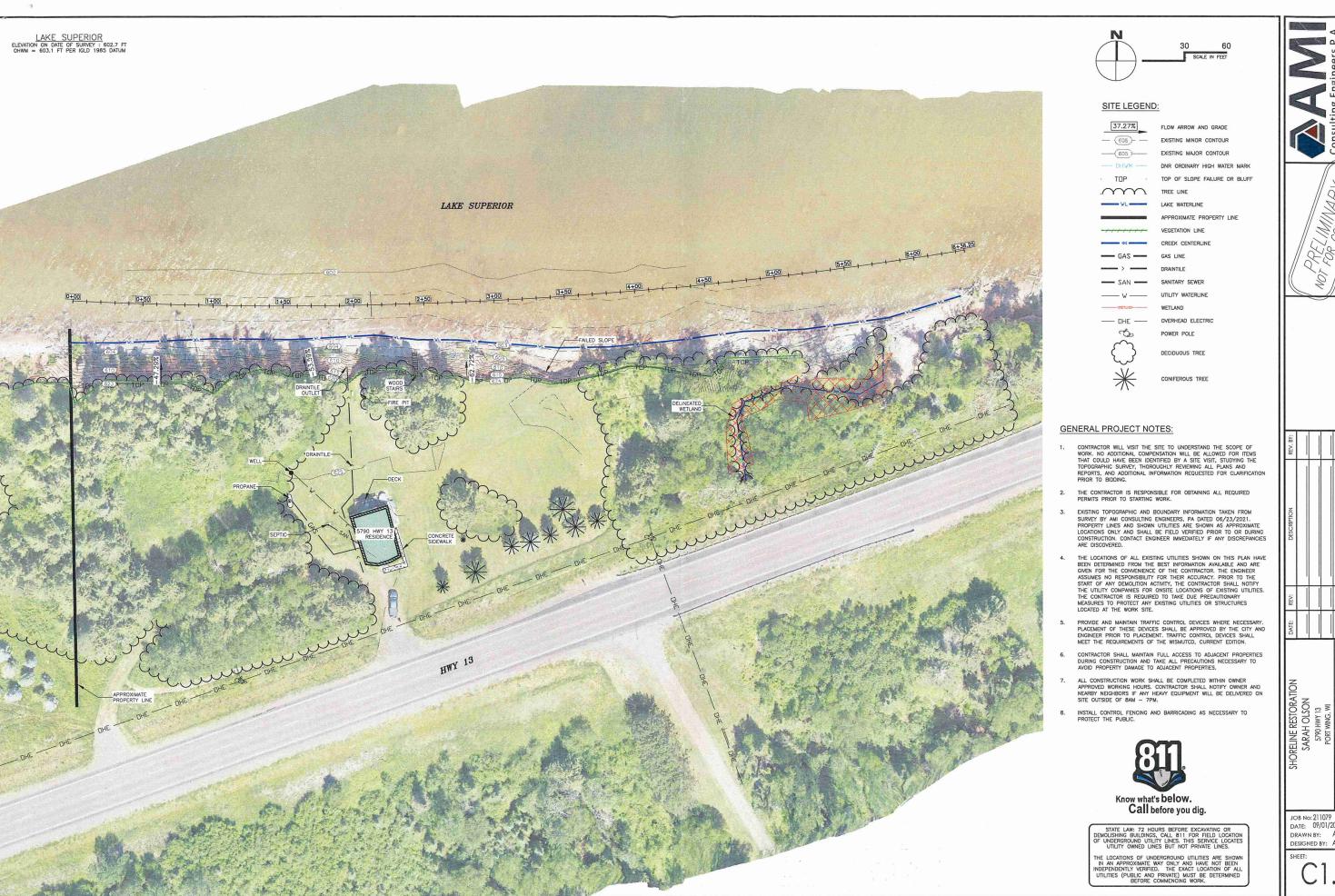
- Install 3" Deep Finely shredded hardwood mulch rings at conferous and deciduous trees
 with no mulch in direct contact with tree trunk.
 Install 3" Deep Finely shedded hardwood mulch rings at shrub planting areas with no
 mulch in direct contact with shrub stems.
- MOCCH IN DIRECT CONTACT WITH STRONG STEMS.

 INSTALL 2" DEEP FINELY SHREDDED MULCH IN PERENNIAL PLANTING BEDS. REMOVE ALL MULCH FROM STEMS OF PERENNIALS, PLANT STEMS SHOULD NOT BE IN DIRECT CONTACT WITH MULCH.



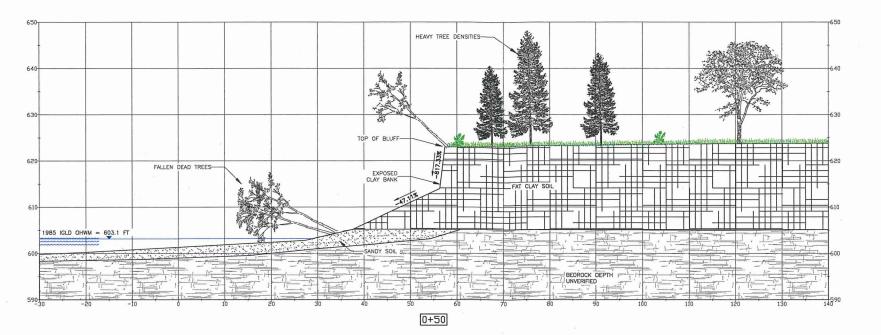
HORELINE RESTORATION
SARAH OLSON
5790 HWY 13
PORT WING, WI JOB No: 211079 DATE: 09/01/2021 DRAWN BY: DESIGNED BY: AMD

SHEET





DATE: 09/01/2021 DRAWN BY: AMD DESIGNED BY: AMD



1 EXISTING CROSS-SECTION SCALE:1*=10'-0*



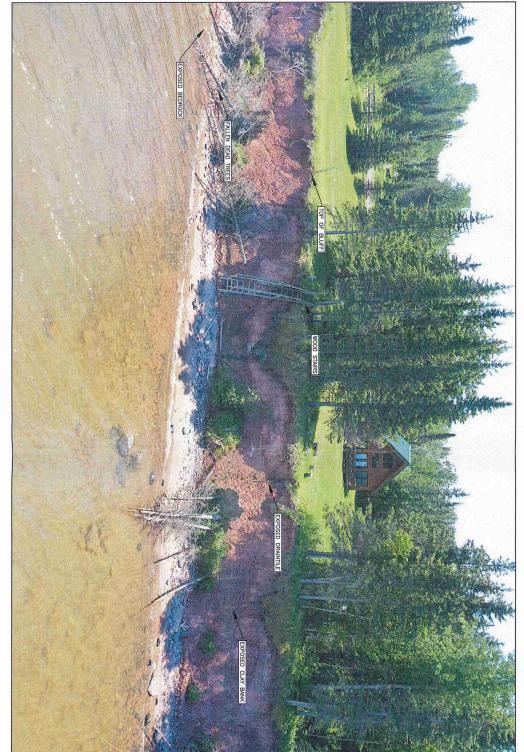
EXISTING CONDITIONS
DATED: JUNE 23, 2021
WATER ELEV. AT DATE OF PHOTO = 602.7 FT

JOB No: 211079 DATE: 09/01/2021 DRAWN BY: AMD DESIGNED BY: AMD

EXISTING CONDITIONS

DATED: JUNE 23, 2021

WATER ELEY. AT DATE OF PHOTO = 602.7 FT



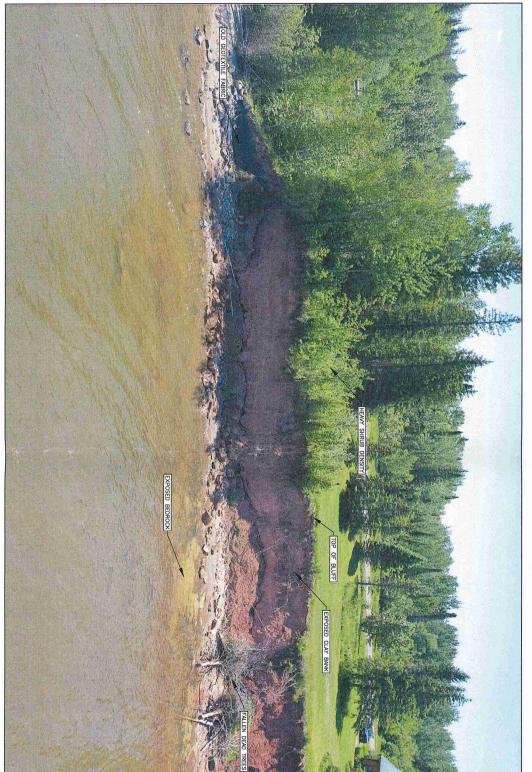
EXISTING CROSS-SECTION
SCALE: 1"=10'-0"

				_			-
HS .	DA DA	SHORELINE RESTORATION	DATE:	REV:	DESCRIPTION	REV. BY:	Γ
	AWN	SARAH OLSON					
	211079 09/01/2 BY: '	5790 HWY 13 PORT WING, WI					
N	021 AMD AMD	EXISTING CROSS-SECTION					
		-					L





EXISTING CONDITIONS
DATED: JUNE 23, 2021
WATER ELEV. AT DATE OF PHOTO = 602.7 FT

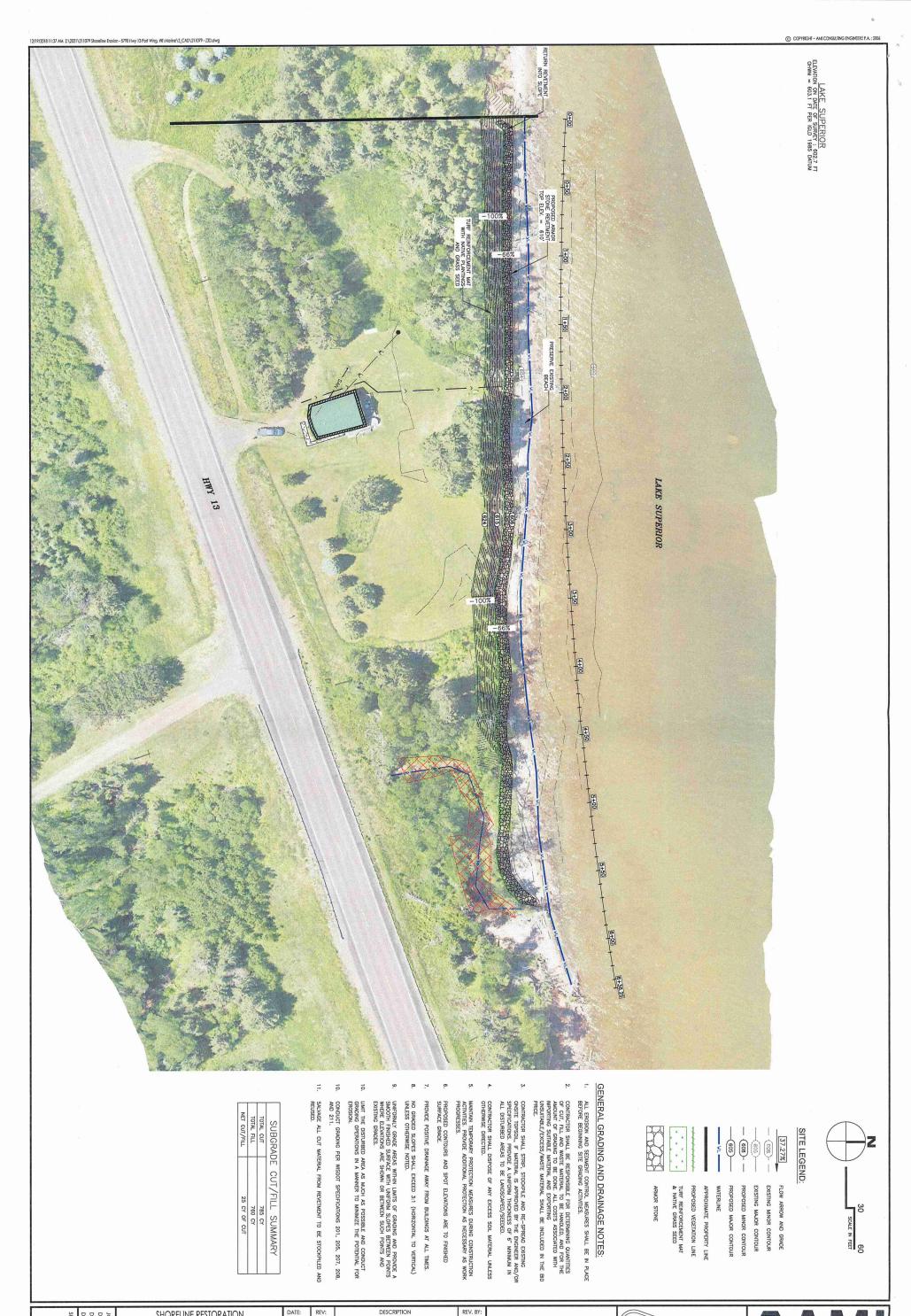


EXISTING CROSS-SECTION

3		The state of the s						_
	H.	B B B 5	SHORELINE RESTORATION	DATE:	REV:	DESCRIPTION	REV. BY:	T
		B NO: VTE: SAWN	SARAH OLSON]
		211079 09/01/2 8Y: D BY:	5790 HWY 13 PORT WING, WI					1
ON CHARGO STATE OF	ယ	AMD AMD	EXISTING CROSS-SECTION					
								1







REV. BY:

REV:

DATE:

SHORELINE RESTORATION

SARAH OLSON

5790 HWY 13 PORT WING, WI

PROPOSED CONDITIONS

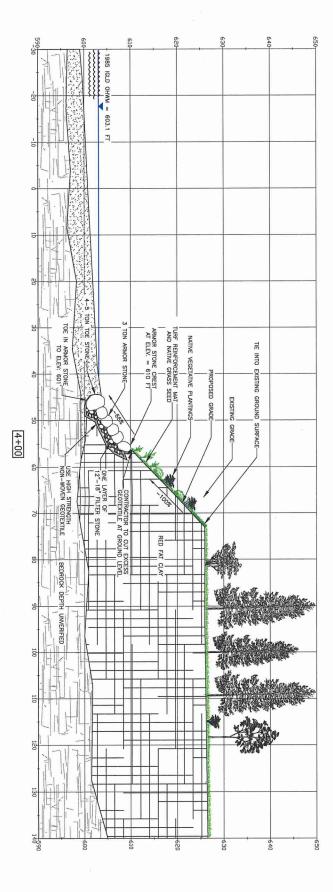
JOB NO: 211079
DATE: 09/01/2021
DRAWN BY: AMD
DESIGNED BY: AMD

C2.0

NOT FOR CONSTRUCTION



PROPOSED TYPICAL CROSS-SECTION (C2.1) SCALE: 1'=10'



1 PROPOSED TYPICAL CROSS-SECTION (C2.1) SOUR 1"=10"

1985 IGLD OHWM 4-5 TON TOE 3 TON TIE INTO TO ELEV: 601 CONTRACTOR TO CUT EXCESS
GEOTEXTILE AT GROUND LEVEL

TO TO TO TO THE PROPERTY OF THE PROPERTY CLAY

¥.		SHORELINE RESTORATION	DATE:	REV:	DESCRIPTION	REV. BY:
C2	B NO: 211079 (TE: 09/01/20 (AWN BY: /	SARAH OLSON 5790 HWY 13 PORT WING, WI				
	021 AMD	PROPOSED TYPICAL CROSS-SECTIONS —				

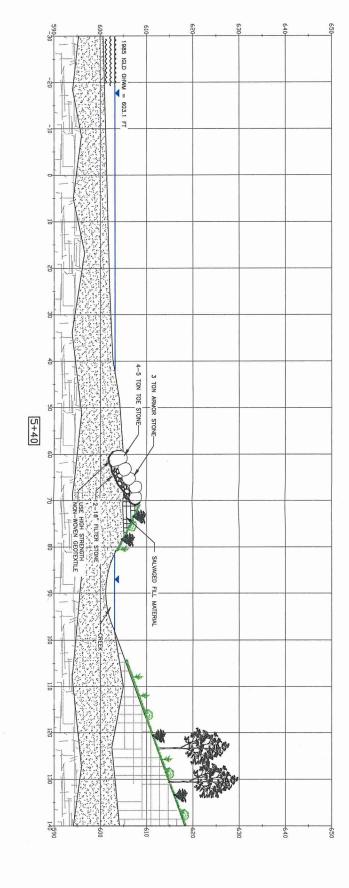




1

COPYRIGHT ~ AMI CONSULTING ENGINEERS P.A.: 200.

PROPOSED TYPICAL CROSS-SECTION



HS.	DR DR	SHORELINE RESTORATION	DATE:	REV:	DESCRIPTION	REV. BY:
C_{2}	B NO: 21 1079 (TE: 09/01/2 AWN BY: 1	SARAH OLSON 5790 HWY 13 PORT WING, WI				
12	021 AMD	PROPOSED TYPICAL CROSS-SECTION —				



